

Converting Colors

XYZ(76.9571, 90.9237, 96.7178)

Have a look what the booklet for
XYZ(76.9571, 90.9237, 96.7178)
contains.

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Color

**XYZ(77.0908, 90.9927,
96.7193)**

Conversions

Conversions Part 1

Format	Color
Hex	CEFFF1
RGB	206, 255, 241
RGB Percent	81%, 100%, 95%
CMY	0.1921, 0.0000, 0.0549
CMYK	0.19, 0.00, 0.05, 0.00
HSL	163°, 100%, 90%
HSV	163°, 19%, 100%
XYZ	77.0908, 90.9927, 96.7193
YIQ	238.7530, -24.7100, -14.7420

Conversions

Conversions Part 2

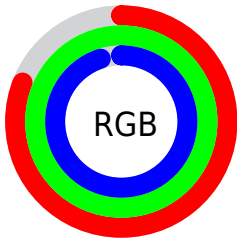
Format	Color
R_{YB}	206, 235, 255
Decimal	13565937
CIE _{Lab}	96.41, -18.22, 1.55
CIE _{LCh}	96, 18.287, 175.142
Yxy	90.9927, 0.2911, 0.3436
Android (android.graphics.Color)	4291756017 (0xFFCEFF1)
YUV	238.7530, 1.1078, -28.7244
Hunter-Lab	95.3901, -22.6755, 6.6569

Details

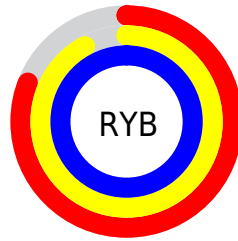
The XYZ color **77.0908, 90.9927, 96.7193** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **76.2302, 70.5711, 77.3143**, and the grayscale version is **81.8571, 86.1201, 93.7848**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.7135, 50.4703, 53.4421** is the 20% darker color. If you saturate the color by 10%, you get **69.5102, 87.2079, 90.7979**, and if you desaturate by 10%, it is **85.8652, 95.3878, 102.9266**.

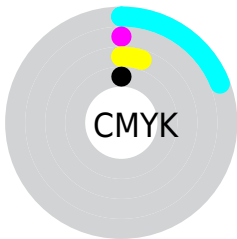
Distribution



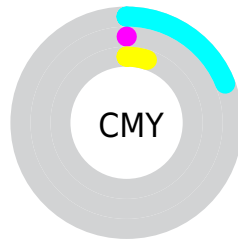
- Red (81%)
- Green (100%)
- Blue (95%)



- Red (81%)
- Yellow (92%)
- Blue (100%)



- Cyan (19%)
- Magenta (0%)
- Yellow (5%)
- Black (0%)



- Cyan (19%)
- Magenta (0%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.0908, 90.9927, 96.7193 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 77.0908, 90.9927, 96.7193 by changing the saturation by 10% instead.

77.0908, 90.9927,
96.7193

77.0908, 90.9927,
96.7193

473.9607,
531.2548, 570.7789

57.6276, 68.8043,
72.9620

128.2398,
148.7165, 158.6537

41.7514, 50.5523,
53.4533

160.6563,
185.0207, 197.6679

29.0970, 35.8525,
37.7745

198.1213,
226.7990, 242.6048

19.2988, 24.3203,
25.5073

241.0001,
274.4357, 293.8830

11.9917, 15.5714,
16.2329

289.6581,
328.3152, 351.9209

6.8102, 9.2214,
9.5330

344.4606,

3.3889, 4.8858,

388.8220, 417.1372

4.9889

405.7731,
456.3404, 489.9504

■ 1.3626, 2.1804,
2.1821

■ 0.2294, 0.7093,
0.6640

■ 77.0908, 90.9927,
96.7193

■ 77.0908, 90.9927,
96.7193

■ 69.5102, 87.2079,
90.7979

■ 85.8652, 95.3878,
102.9266

■ 63.0648, 84.0035,
85.1528

95.0500, 100.0000,
108.9000

■ 57.6952, 81.3488,
79.7800

■ 53.3354, 79.2097,
74.6736

■ 49.9116, 77.5483,
69.8275

■ 47.3398, 76.3215,
65.2349

■ 45.5203, 75.4779,
60.8882

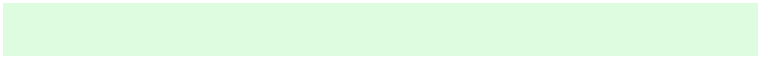
■ 44.3033, 74.9402,
56.7775

■ 44.2189, 74.9036,
56.4639

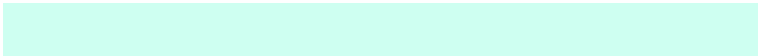
Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.6967, 90.9927, 83.8953



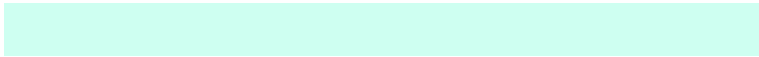
77.0908, 90.9927, 96.7193



77.9205, 90.9927, 111.4748

Triad

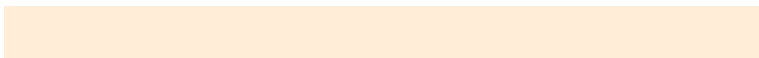
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.0908, 90.9927, 96.7193



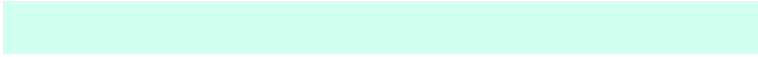
90.7133, 90.9927, 126.6941



92.2044, 90.9927, 77.7984

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



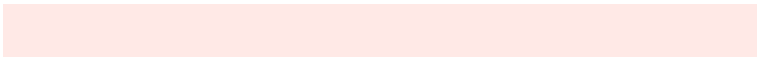
77.0908, 90.9927, 96.7193



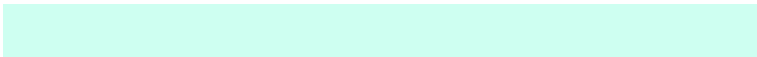
76.2302, 70.5711, 77.3143

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.6570, 90.9927, 87.6317



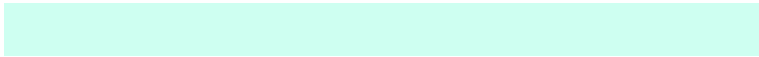
77.0908, 90.9927, 96.7193



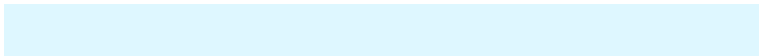
94.7727, 90.9927, 115.9848

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.0908, 90.9927, 96.7193



85.6591, 90.9927, 129.7296



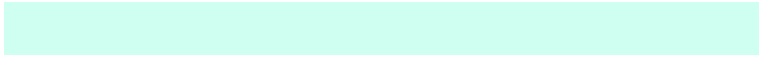
96.6148, 90.9927, 101.4698



87.3178, 90.9927, 73.6761

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



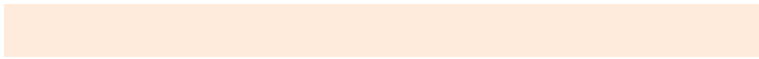
77.0908, 90.9927, 96.7193



79.7608, 90.9927, 120.3148



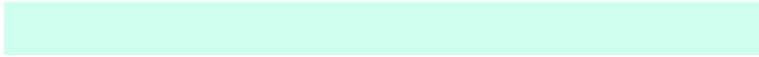
96.6148, 90.9927, 101.4698



93.5786, 90.9927, 80.4957

Sweetspot

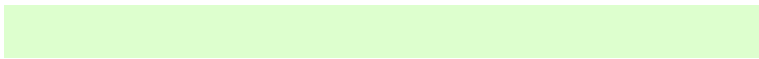
The Sweet Spot groups the original color and five complimentary colors.



77.0917, 90.9931, 96.7208



88.9475, 96.9345, 104.9826



76.6289, 91.3017, 71.9782



18.9021, 20.6796, 22.3807



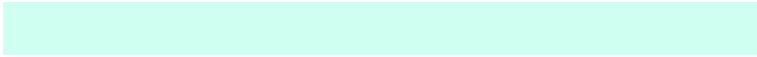
0.0000, 0.0000, 0.0000



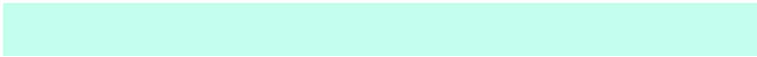
20.3446, 21.4041, 23.3091

Same Dimension

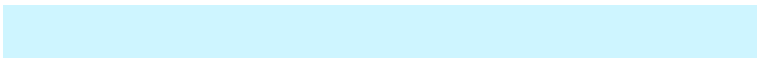
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.0917, 90.9931, 96.7208



74.0846, 89.4902, 94.4458



76.2173, 85.7683, 107.1456



18.3206, 20.3878, 21.9912



23.1729, 39.1658, 29.8595



2.3034, 3.8323, 3.1555

Inverse Universe

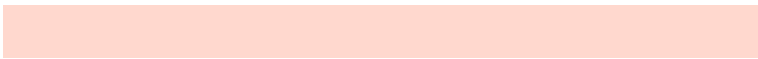
The Inverse Universe completely reimagines the original color for something new.



76.2302, 70.5711, 77.3143



73.0826, 65.7074, 71.8521



76.8860, 74.7266, 68.7654



18.2227, 18.0724, 19.7900



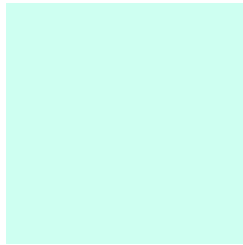
22.2297, 11.3812, 4.5943



2.2091, 1.1260, 0.6823

Previews

White Background



This preview shows how the XYZ color 77.0908, 90.9927, 96.7193 looks on a white background.

Color Contrast Check

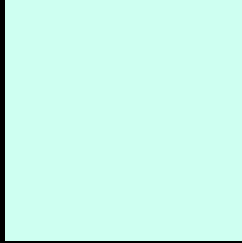
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 77.0908, 90.9927, 96.7193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

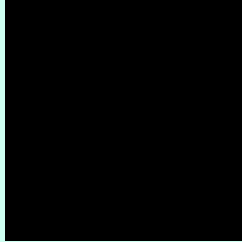
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

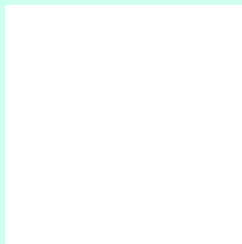
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 77.0908, 90.9927, 96.7193

Background



This preview shows how black text looks on a background with the XYZ color 77.0908, 90.9927, 96.7193.



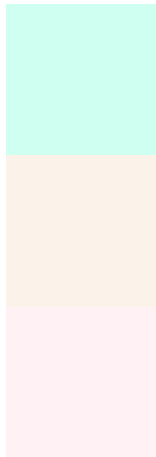
This preview shows how white text looks on a background with the XYZ color 77.0908, 90.9927,

96.7193.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

77.0908, 90.9927, 96.7193

Protanopia

86.6855, 90.5509, 90.7512

Deuteranopia

89.0244, 90.7022, 98.4031



Tritanopia

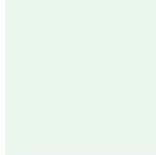
84.5895, 90.8973, 107.6943

Trichromacy



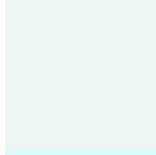
Original Color

77.0908, 90.9927, 96.7193



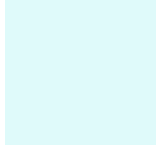
Protanomaly

82.8078, 90.2981, 93.1856



Deuteranomaly

84.0585, 90.3871, 97.8101



Tritanomaly

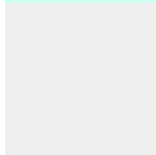
81.8724, 90.9613, 103.6846

Monochromacy



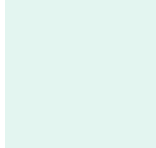
Original Color

77.0908, 90.9927, 96.7193



Achromatopsia

82.0431, 86.3157, 93.9978



Achromatomaly

80.0591, 87.9270, 95.1901

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.0908, 90.9927, 96.7193 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(206, 255, 241)` looks like.

```
.text, #text, p{  
    color:rgb(206, 255, 241)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(206, 255, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 255, 241) }
```

Border

The CSS property to change the border of an element to XYZ 77.0908, 90.9927, 96.7193 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(206, 255, 241) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(206, 255, 241) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(206, 255, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 255, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 255, 241);  
box-shadow:4px 4px 4px 4px rgb(206, 255,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 77.0908, 90.9927, 96.7193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 255, 241) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(206,  
255, 241) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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