

Converting Colors

XYZ(93.7497, 124.1154,
109.1939)

Have a look what the booklet for
XYZ(93.7497, 124.1154, 109.1939)
contains.

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Color

**XYZ(77.1027, 90.8396,
103.9125)**

Conversions

Conversions Part 1

Format	Color
Hex	C9FFFA
RGB	201, 255, 250
RGB Percent	79%, 100%, 98%
CMY	0.2118, 0.0000, 0.0196
CMYK	0.21, 0.00, 0.02, 0.00
HSL	174°, 100%, 89%
HSV	174°, 21%, 100%
XYZ	77.1027, 90.8396, 103.9125
YIQ	238.2840, -30.5790, -13.0030

Conversions

Conversions Part 2

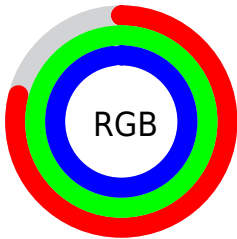
Format	Color
R_{YB}	201, 229, 255
Decimal	13238266
CIE _{Lab}	96.34, -17.93, -3.21
CIE _{LCh}	96, 18.211, 190.161
Yxy	90.8396, 0.2836, 0.3341
Android (android.graphics.Color)	4291428346 (0xFFC9FFFA)
YUV	238.2840, 5.7760, -32.6981
Hunter-Lab	95.3098, -22.3912, 2.0753

Details

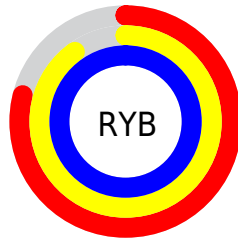
The XYZ color **77.1027, 90.8396, 103.9125** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **73.2680, 67.4908, 67.5585**, and the grayscale version is **81.4614, 85.7038, 93.3314**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.7857, 50.3942, 58.5636** is the 20% darker color. If you saturate the color by 10%, you get **70.4399, 87.4473, 101.6819**, and if you desaturate by 10%, it is **84.9101, 94.8214, 106.2238**.

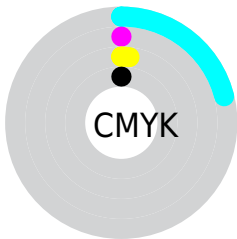
Distribution



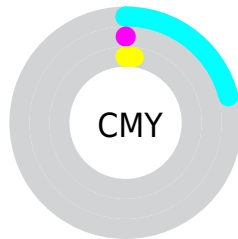
- Red (79%)
- Green (100%)
- Blue (98%)



- Red (79%)
- Yellow (90%)
- Blue (100%)



- Cyan (21%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)



- Cyan (21%)
- Magenta (0%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.1027, 90.8396, 103.9125 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 77.1027, 90.8396, 103.9125 by changing the saturation by 10% instead.

77.1027, 90.8396,
103.9125

77.1027, 90.8396,
103.9125

474.0007,
530.7583, 594.0185

57.6374, 68.6772,
78.9370

128.2565,
148.5041, 168.6221

41.7593, 50.4489,
58.3230

160.6757,
184.7750, 209.1934

29.1032, 35.7702,
41.6520

198.1436,
226.5175, 255.8003

19.3036, 24.2568,
28.5053

241.0255,
274.1160, 308.8613

11.9951, 15.5242,
18.4646

289.6869,
327.9550, 368.7952

6.8125, 9.1881,
11.1112

344.4929,

3.3904, 4.8641,

388.4187, 436.0203

6.0265

405.8091,
455.8917, 510.9552

■ 1.3634, 2.1677,
2.7922

■ 0.2299, 0.7023,
0.9895

■ 77.1027, 90.8396,
103.9125

■ 77.1027, 90.8396,
103.9125

■ 70.4399, 87.4473,
101.6819

■ 84.9101, 94.8214,
106.2238

■ 64.8625, 84.6140,
99.5248

■ 93.9112, 99.4181,
108.6137

■ 60.3107, 82.3089,
97.4396

■ 95.0500, 100.0000,
108.9000

■ 56.7174, 80.4974,
95.4233

■ 54.0079, 79.1410,
93.4721

■ 52.0960, 78.1952,
91.5820

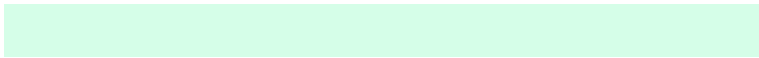
■ 50.8786, 77.6069,
89.7480

■ 50.2398, 77.3119,
88.1696

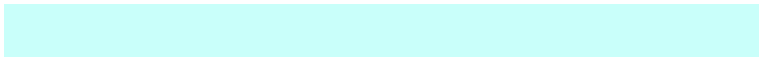
Harmonies

Analogous

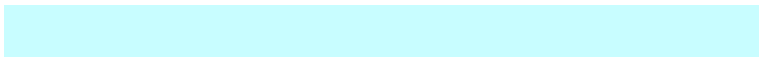
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.4978, 90.8396, 89.7400



77.1027, 90.8396, 103.9125



79.1079, 90.8396, 118.0139

Triad

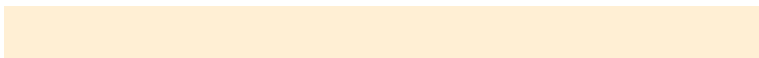
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.1027, 90.8396, 103.9125



92.7762, 90.8396, 121.7975



89.6885, 90.8396, 74.9196

Complementary

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



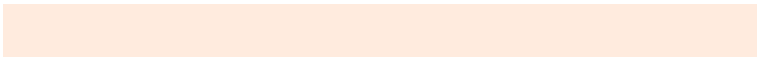
77.1027, 90.8396, 103.9125



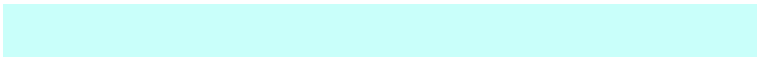
73.2680, 67.4908, 67.5585

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.



94.0007, 90.8396, 81.9857



77.1027, 90.8396, 103.9125



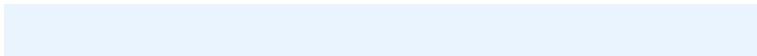
95.8311, 90.8396, 108.6819

Square

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



77.1027, 90.8396, 103.9125



88.0702, 90.8396, 128.9882



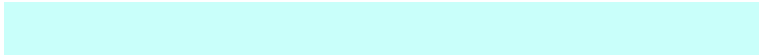
96.2878, 90.8396, 94.0685



84.6332, 90.8396, 73.9119

Rectangle

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



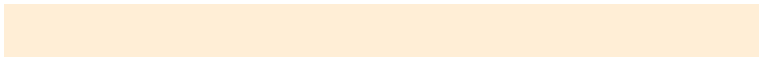
77.1027, 90.8396, 103.9125



81.5837, 90.8396, 125.1349



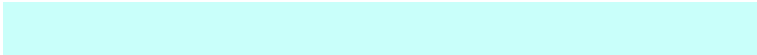
96.2878, 90.8396, 94.0685



91.2783, 90.8396, 76.6298

Sweetspot

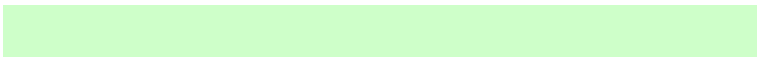
The Sweet Spot groups the original color and five complimentary colors.



77.1037, 90.8401, 103.9140



89.4162, 97.1219, 107.4505



71.8684, 88.9167, 68.6348



19.0132, 20.7240, 22.9654



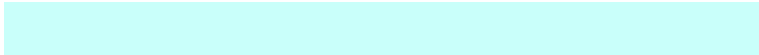
0.0000, 0.0000, 0.0000



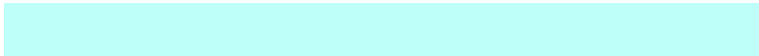
20.3446, 21.4041, 23.3091

Same Dimension

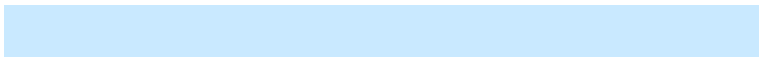
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.1037, 90.8401, 103.9140



74.4231, 89.4745, 103.0513



71.3907, 78.1431, 105.9282



18.4781, 20.4508, 22.8205



26.2812, 40.4091, 46.2278



2.5792, 3.9426, 4.6079

Inverse Universe

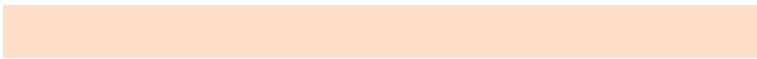
The Inverse Universe completely reimagines the original color for something new.



73.2680, 67.4908, 67.5585



70.0207, 62.6689, 61.3199



78.0643, 78.0399, 66.2088



18.0776, 18.0144, 19.0260



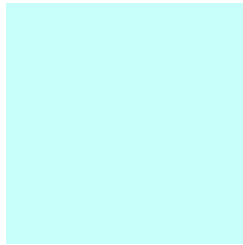
21.6556, 11.1515, 1.5707



2.1305, 1.0946, 0.2684

Previews

White Background



This preview shows how the XYZ color 77.1027, 90.8396, 103.9125 looks on a white background.

Color Contrast Check

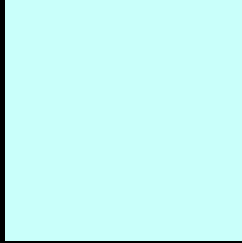
Large Text (above 18pt) WCAG AA × Fail

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 77.1027, 90.8396, 103.9125 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

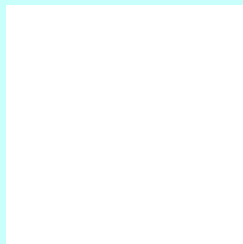
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 77.1027, 90.8396, 103.9125

Background



This preview shows how black text looks on a background with the XYZ color 77.1027, 90.8396, 103.9125.

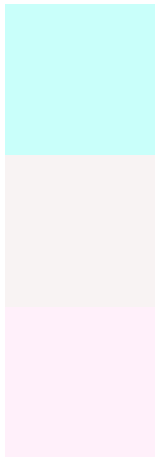


This preview shows how white text looks on a background with the XYZ color 77.1027, 90.8396,

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

77.1027, 90.8396, 103.9125

Protanopia

86.9397, 90.5287, 97.6856

Deuteranopia

89.6554, 90.4823, 103.1820



Tritanopia

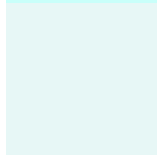
83.9439, 90.5645, 107.6641

Trichromacy



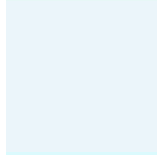
Original Color

77.1027, 90.8396, 103.9125



Protanomaly

82.8503, 90.1643, 100.2255



Deuteranomaly

84.1687, 89.8691, 103.3528



Tritanomaly

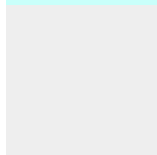
81.1286, 90.5231, 106.1253

Monochromacy



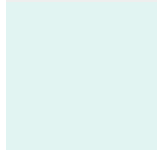
Original Color

77.1027, 90.8396, 103.9125



Achromatopsia

81.2670, 85.4993, 93.1087



Achromatomaly

79.4290, 87.1197, 96.6338

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.1027, 90.8396, 103.9125 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(201, 255, 250)` looks like.

```
.text, #text, p{  
    color:rgb(201, 255, 250)  
}
```

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(201, 255, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 255, 250) }
```

Border

The CSS property to change the border of an element to XYZ 77.1027, 90.8396, 103.9125 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(201, 255, 250) }
```


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

```
.border{ border-color:rgb(201, 255, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 255, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 255, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 255, 250);  
box-shadow:4px 4px 4px 4px rgb(201, 255,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 77.1027, 90.8396, 103.9125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 255, 250) }
```

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

```
.background{ background-color: rgb(201,  
255, 250) }
```

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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