

Converting Colors

XYZ(78.2590, 92.8553,
107.6062)

Have a look what the booklet for
XYZ(78.2590, 92.8553, 107.6062)
contains.

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Color

**XYZ(77.2026, 90.8179,
107.2265)**

Conversions

Conversions Part 1

Format	Color
Hex	C7FFFE
RGB	199, 255, 254
RGB Percent	78%, 100%, 100%
CMY	0.2196, 0.0000, 0.0039
CMYK	0.22, 0.00, 0.00, 0.00
HSL	179°, 100%, 89%
HSV	179°, 22%, 100%
XYZ	77.2026, 90.8179, 107.2265
YIQ	238.1420, -33.0550, -12.1830

Conversions

Conversions Part 2

Format	Color
R_{YB}	199, 227, 255
Decimal	13107198
CIE Lab	96.34, -17.69, -5.30
CIE LCh	96, 18.462, 196.681
Yxy	90.8179, 0.2805, 0.3300
Android (android.graphics.Color)	4291297278 (0xFFC7FFFE)
YUV	238.1420, 7.8180, -34.3275
Hunter-Lab	95.2984, -22.1669, -0.0022

Details

The XYZ color **77.2026, 90.8179, 107.2265** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **72.0895, 66.2784, 63.6378**, and the grayscale version is **81.3375, 85.5734, 93.1894**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.7737, 50.3487, 60.3399** is the 20% darker color. If you saturate the color by 10%, you get **70.9219, 87.5885, 106.5544**, and if you desaturate by 10%, it is **84.6191, 94.6328, 107.9556**.

Distribution



- Red (78%)
- Green (100%)
- Blue (100%)



- Red (78%)
- Yellow (89%)
- Blue (100%)



- Cyan (22%)
- Magenta (0%)
- Yellow (0%)
- Black (0%)



- Cyan (22%)
- Magenta (0%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.2026, 90.8179, 107.2265 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 77.2026, 90.8179, 107.2265 by changing the saturation by 10% instead.

77.2026, 90.8179,
107.2265

77.2026, 90.8179,
107.2265

474.3359,
530.6879, 604.5648

57.7197, 68.6592,
81.6988

128.3968,
148.4740, 173.1913

41.8257, 50.4342,
60.5830

160.8387,
184.7401, 214.4656

29.1554, 35.7585,
43.4603

198.3310,
226.4776, 261.8258

19.3432, 24.2478,
29.9124

241.2391,
274.0707, 315.6904

12.0240, 15.5175,
19.5206

289.9283,
327.9039, 376.4781

6.8324, 9.1834,
11.8664

344.7639,

3.4029, 4.8610,

388.3616, 444.6074

6.5314

406.1113,
455.8281, 520.4967

■ 1.3702, 2.1659,
3.0968

■ 0.2349, 0.7013,
1.1443

■ 77.2026, 90.8179,
107.2265

■ 77.2026, 90.8179,
107.2265

■ 70.9219, 87.5885,
106.5544

■ 84.6191, 94.6328,
107.9556

■ 65.7176, 84.9139,
105.9322

■ 93.2210, 99.0588,
108.7396

■ 61.5294, 82.7632,
105.3583

■ 95.0500, 100.0000,
108.9000

■ 58.2898, 81.1015,
104.8298

■ 55.9233, 79.8898,
104.3431

■ 54.3427, 79.0832,
103.8940

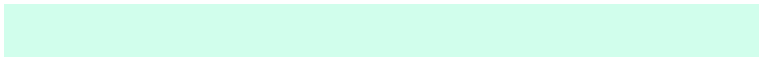
■ 53.4430, 78.6277,
103.4777

■ 53.0866, 78.4507,
103.1608

Harmonies

Analogous

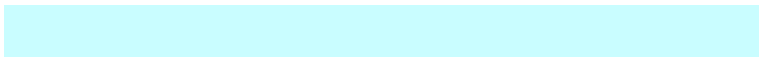
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.0635, 90.8179, 92.5129



77.2026, 90.8179, 107.2265



79.7213, 90.8179, 120.9187

Triad

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



77.2026, 90.8179, 107.2265



93.7045, 90.8179, 119.5820



88.6144, 90.8179, 73.8414

Complementary

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



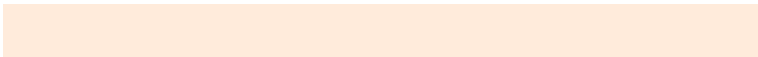
77.2026, 90.8179, 107.2265



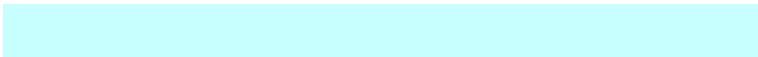
72.0895, 66.2784, 63.6378

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.



93.2725, 90.8179, 79.7055



77.2026, 90.8179, 107.2265



96.2889, 90.8179, 105.5437

Square

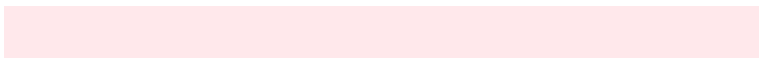
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



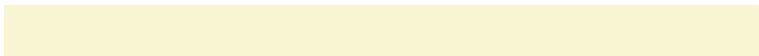
77.2026, 90.8179, 107.2265



89.1851, 90.8179, 128.5220



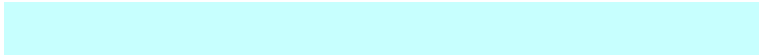
96.1277, 90.8179, 90.9882



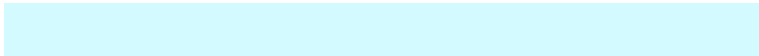
83.5163, 90.8179, 74.1954

Rectangle

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



77.2026, 90.8179, 107.2265



82.4699, 90.8179, 127.1929



96.1277, 90.8179, 90.9882



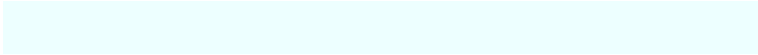
90.2875, 90.8179, 75.1239

Sweetspot

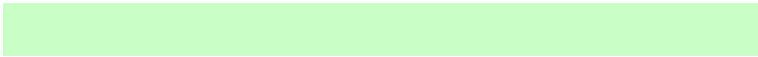
The Sweet Spot groups the original color and five complimentary colors.



77.2036, 90.8184, 107.2280



88.7340, 96.7499, 108.3372



70.1214, 88.0431, 67.3328



18.8821, 20.6516, 23.1785



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

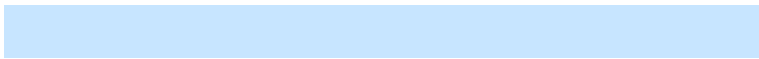
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.2036, 90.8184, 107.2280



74.5322, 89.4446, 106.9495



69.5868, 75.3281, 105.4799



18.5401, 20.4756, 23.1470



27.7453, 40.9947, 53.9373



2.7058, 3.9932, 5.2744

Inverse Universe

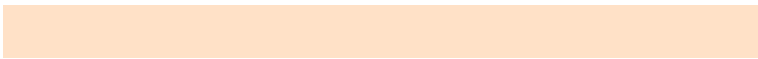
The Inverse Universe completely reimagines the original color for something new.



72.0895, 66.2784, 63.6378



68.6545, 61.2388, 56.8494



78.5108, 79.3070, 65.2044



18.0225, 17.9923, 18.7358



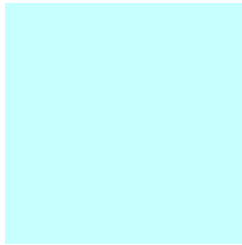
21.5675, 11.1163, 1.1068



2.1044, 1.0841, 0.1310

Previews

White Background



This preview shows how the XYZ color 77.2026, 90.8179, 107.2265 looks on a white background.

Color Contrast Check

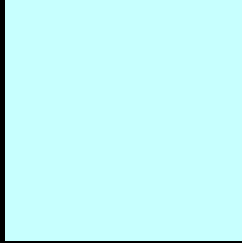
Large Text (above 18pt) WCAG AA × Fail

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 77.2026, 90.8179, 107.2265 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 77.2026, 90.8179, 107.2265

Background



This preview shows how black text looks on a background with the XYZ color 77.2026, 90.8179, 107.2265.

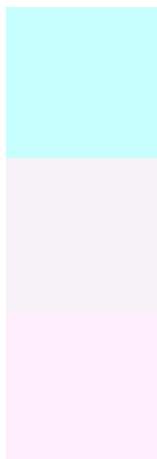


This preview shows how white text looks on a background with the XYZ color 77.2026, 90.8179,

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

77.2026, 90.8179, 107.2265

Protanopia

86.8984, 89.9938, 100.7862

Deuteranopia

89.8361, 90.0849, 105.5817



Tritanopia

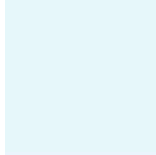
83.6239, 90.3995, 107.6491

Trichromacy



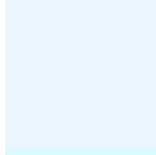
Original Color

77.2026, 90.8179, 107.2265



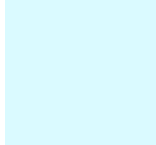
Protanomaly

83.1492, 90.2467, 103.4794



Deuteranomaly

84.6430, 90.0588, 105.8504



Tritanomaly

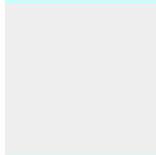
81.1490, 90.4966, 107.7983

Monochromacy



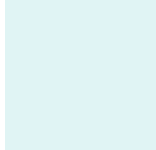
Original Color

77.2026, 90.8179, 107.2265



Achromatopsia

81.2670, 85.4993, 93.1087



Achromatomaly

79.4203, 87.0803, 98.2102

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.2026, 90.8179, 107.2265 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(199, 255, 254)` looks like.

```
.text, #text, p{  
    color:rgb(199, 255, 254)  
}
```

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(199, 255, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 255, 254) }
```

Border

The CSS property to change the border of an element to XYZ 77.2026, 90.8179, 107.2265 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(199, 255, 254) }
```


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

```
.border{ border-color:rgb(199, 255, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 255, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 255, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 255, 254);  
box-shadow:4px 4px 4px 4px rgb(199, 255,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 77.2026, 90.8179, 107.2265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 255, 254) }
```

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

```
.background{ background-color: rgb(199,  
255, 254) }
```

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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