

Converting Colors

XYZ(76.7009, 88.5458,
101.4261)

Have a look what the booklet for
XYZ(76.7009, 88.5458, 101.4261)
contains.

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Color

**XYZ(76.4277, 88.2084,
100.9934)**

Conversions

Conversions Part 1

Format	Color
Hex	CEFAF7
RGB	206, 250, 247
RGB Percent	81%, 98%, 97%
CMY	0.1921, 0.0196, 0.0314
CMYK	0.18, 0.00, 0.01, 0.02
HSL	176°, 81%, 89%
HSV	176°, 18%, 98%
XYZ	76.4277, 88.2084, 100.9934
YIQ	236.5020, -25.2610, -10.2610

Conversions

Conversions Part 2

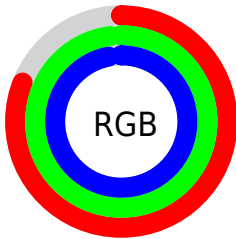
Format	Color
R _Y B	206, 229, 250
Decimal	13564663
CIE Lab	95.25, -14.57, -3.24
CIE LCh	95, 14.925, 192.538
Yxy	88.2084, 0.2877, 0.3321
Android (android.graphics.Color)	4291754743 (0xFFCEFAF7)
YUV	236.5020, 5.1755, -26.7503
Hunter-Lab	93.9193, -19.1028, 1.9878

Details

The XYZ color **76.4277, 88.2084, 100.9934** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **73.0074, 69.0725, 69.8098**, and the grayscale version is **80.0910, 84.2620, 91.7613**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.2364, 48.4808, 56.4746** is the 20% darker color. If you saturate the color by 10%, you get **69.7703, 84.8090, 99.3152**, and if you desaturate by 10%, it is **84.1965, 92.1851, 102.7399**.

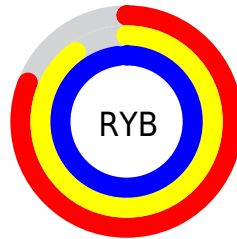
Distribution



Red (81%)

Green (98%)

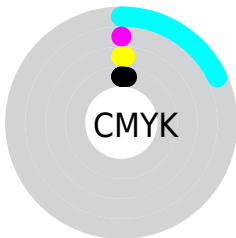
Blue (97%)



Red (81%)

Yellow (90%)

Blue (98%)

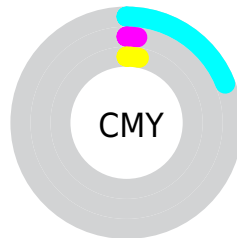


Cyan (18%)

Magenta (0%)

Yellow (1%)

Black (2%)



Cyan (19%)

Magenta (2%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.4277, 88.2084, 100.9934 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 76.4277, 88.2084, 100.9934 by changing the saturation by 10% instead.

76.4277, 88.2084,
100.9934

76.4277, 88.2084,
100.9934

471.7325,
522.1855, 584.6468

57.0816, 66.4957,
76.5089

127.3084,
144.8473, 164.5854

41.3111, 48.6749,
56.3408

159.5738,
180.5422, 204.5301

28.7510, 34.3617,
40.0704

196.8762,
221.6666, 250.4652

19.0359, 23.1716,
27.2792

239.5811,
268.6050, 302.8093

11.8004, 14.7202,
17.5487

288.0538,
321.7416, 361.9810

6.6791, 8.6233,
10.4604

342.6597,

3.3068, 4.4963,

381.4610, 428.3988

5.5957

403.7641,
448.1475, 502.4812

■ 1.3180, 1.9549,
2.5361

■ 0.1966, 0.5811,
0.8592

■ 76.4277, 88.2084,
100.9934

■ 76.4277, 88.2084,
100.9934

■ 69.7703, 84.8090,
99.3152

■ 84.1965, 92.1851,
102.7399

■ 64.1645, 81.9491,
97.6970

■ 92.7476, 96.5625,
104.5337

■ 59.5568, 79.6035,
96.1379

■ 93.0170, 96.6703,
105.9527

■ 55.8855, 77.7403,
94.6352

■ 93.2889, 96.7791,
107.3844

■ 53.0823, 76.3244,
93.1855

■ 93.4772, 96.8544,
108.3757

■ 51.0695, 75.3157,
91.7853

■ 49.7558, 74.6671,
90.4301

■ 49.0204, 74.3163,
89.1144

■ 48.8867, 74.2542,
88.8025

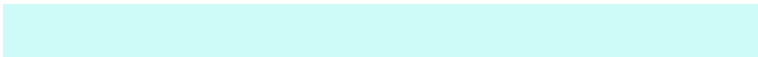
Harmonies

Analogous

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



76.5915, 88.2084, 89.4722



76.4277, 88.2084, 100.9934



78.2026, 88.2084, 112.0124

Triad

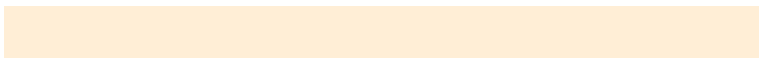
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.4277, 88.2084, 100.9934



89.2440, 88.2084, 113.5286



86.2105, 88.2084, 76.2058

Complementary

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



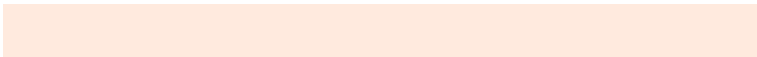
76.4277, 88.2084, 100.9934



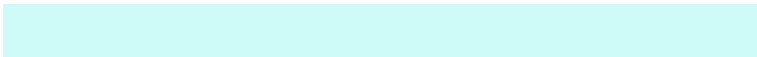
73.0074, 69.0725, 69.8098

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.



89.7408, 88.2084, 81.6701



76.4277, 88.2084, 100.9934



91.5308, 88.2084, 102.9299

Square

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



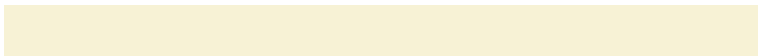
76.4277, 88.2084, 100.9934



85.5503, 88.2084, 119.6331



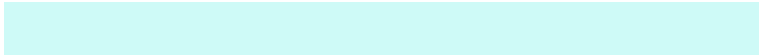
91.7155, 88.2084, 91.2589



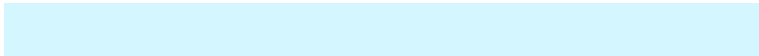
82.1516, 88.2084, 75.7793

Rectangle

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



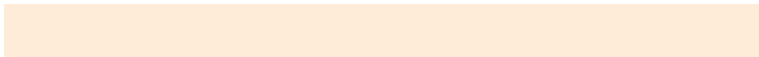
76.4277, 88.2084, 100.9934



80.2809, 88.2084, 117.3421



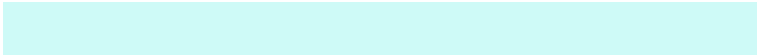
91.7155, 88.2084, 91.2589



87.5016, 88.2084, 77.4927

Sweetspot

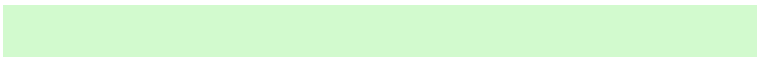
The Sweet Spot groups the original color and five complimentary colors.



76.4302, 88.2120, 100.9954



90.3740, 97.6056, 107.9515



71.8124, 86.4839, 71.3023



19.2084, 20.8223, 23.0778



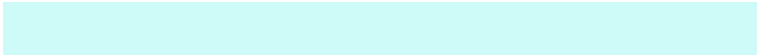
0.0000, 0.0000, 0.0000



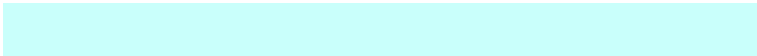
20.3446, 21.4041, 23.3091

Same Dimension

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



76.4302, 88.2120, 100.9954



77.4356, 90.9868, 105.0331



71.4744, 77.5526, 101.6487



17.7117, 19.5869, 21.9482



25.9518, 39.3937, 47.2171



2.4185, 3.6545, 4.4518

Inverse Universe

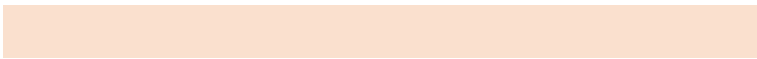
The Inverse Universe completely reimagines the original color for something new.



73.0074, 69.0725, 69.8098



73.2638, 67.6563, 67.0216



77.3133, 78.2739, 69.4276



17.2927, 17.2444, 18.1309



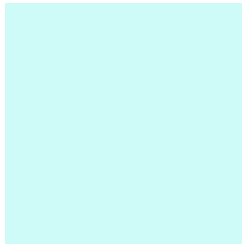
20.9838, 10.8092, 1.3571



1.9597, 1.0076, 0.2112

Previews

White Background



This preview shows how the XYZ color 76.4277, 88.2084, 100.9934 looks on a white background.

Color Contrast Check

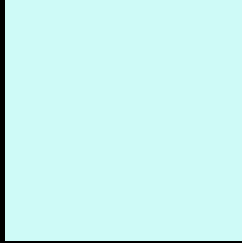
Large Text (above 18pt) WCAG AA × Fail

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 76.4277, 88.2084, 100.9934 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

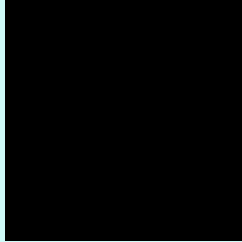
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

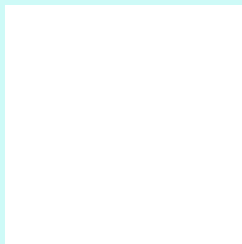
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.4277, 88.2084, 100.9934

Background



This preview shows how black text looks on a background with the XYZ color 76.4277, 88.2084, 100.9934.



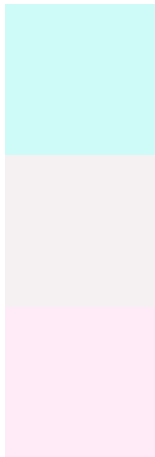
This preview shows how white text looks on a background with the XYZ color 76.4277, 88.2084,

100.9934.

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

76.4277, 88.2084, 100.9934

Protanopia

84.6935, 88.0835, 95.7571

Deuteranopia

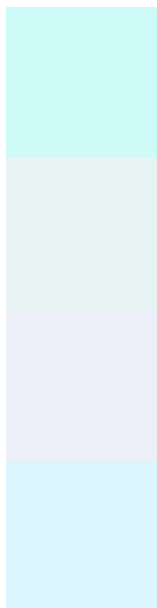
87.8916, 87.4540, 101.0549



Tritanopia

81.4520, 87.9289, 107.2867

Trichromacy



Original Color

76.4277, 88.2084, 100.9934

Protanomaly

81.4833, 88.1614, 97.5162

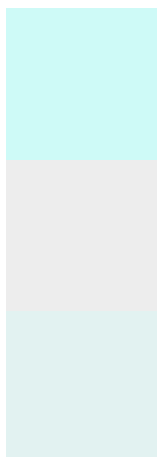
Deuteranomaly

83.0284, 87.1020, 101.2432

Tritanomaly

79.4399, 87.8452, 104.8644

Monochromacy



Original Color

76.4277, 88.2084, 100.9934

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

78.9933, 86.0239, 95.6600

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.4277, 88.2084, 100.9934 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, 250, 247)` looks like.

```
.text, #text, p{  
    color:rgb(206, 250, 247)  
}
```

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, 250, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 250, 247) }
```

Border

The CSS property to change the border of an element to XYZ 76.4277, 88.2084, 100.9934 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, 250, 247) }
```


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

```
.border{ border-color:rgb(206, 250, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 250, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 250, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 250, 247);  
box-shadow:4px 4px 4px 4px rgb(206, 250,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 76.4277, 88.2084, 100.9934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 250, 247) }
```

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

```
.background{ background-color: rgb(206,  
250, 247) }
```

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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