

Converting Colors

XYZ(70.5656, 82.1718, 97.0942)

Have a look what the booklet for
XYZ(70.5656, 82.1718, 97.0942)
contains.

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Color

**XYZ(70.4764, 82.0416,
96.9151)**

Conversions

Conversions Part 1

Format	Color
Hex	C2F3F3
RGB	194, 243, 243
RGB Percent	76%, 95%, 95%
CMY	0.2392, 0.0470, 0.0471
CMYK	0.20, 0.00, 0.00, 0.05
HSL	180°, 67%, 86%
HSV	180°, 20%, 95%
XYZ	70.4764, 82.0416, 96.9151
YIQ	228.3490, -29.2040, -10.3880

Conversions

Conversions Part 2

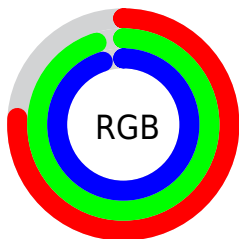
Format	Color
R _Y B	194, 219, 243
Decimal	12776435
CIE Lab	92.59, -15.52, -5.16
CIE LCh	93, 16.353, 198.380
Yxy	82.0416, 0.2825, 0.3289
Android (android.graphics.Color)	4290966515 (0xFFC2F3F3)
YUV	228.3490, 7.2229, -30.1241
Hunter-Lab	90.5768, -19.6214, -0.0352

Details

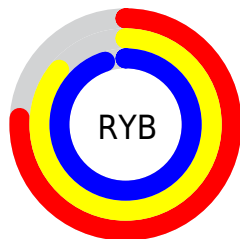
The XYZ color **70.4764, 82.0416, 96.9151** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **65.9945, 61.5356, 59.4417**, and the grayscale version is **73.9643, 77.8162, 84.7418**.

A 20% lighter version of the original color is **93.5937, 99.2492, 108.8318**, and **37.3874, 44.6175, 53.6552** is the 20% darker color. If you saturate the color by 10%, you get **64.7430, 79.0881, 96.6473**, and if you desaturate by 10%, it is **77.2344, 85.5276, 97.2344**.

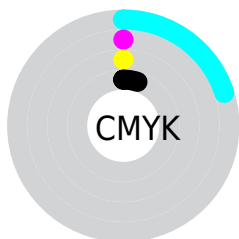
Distribution



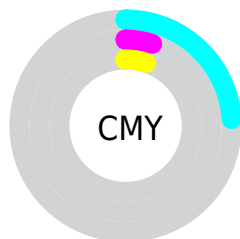
- Red (76%)
- Green (95%)
- Blue (95%)



- Red (76%)
- Yellow (86%)
- Blue (95%)



- Cyan (20%)
- Magenta (0%)
- Yellow (0%)
- Black (5%)



- Cyan (24%)
- Magenta (5%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.4764, 82.0416, 96.9151 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 70.4764, 82.0416, 96.9151 by changing the saturation by 10% instead.

70.4764, 82.0416,
96.9151

70.4764, 82.0416,
96.9151

451.4613,
501.7868, 571.4182

52.1960, 61.3998,
73.1243

118.9105,
136.2323, 158.9260

37.3862, 44.5479,
53.5851

149.7948,
170.5501, 197.9832

25.6817, 31.1015,
37.8792

185.6112,
210.1953, 242.9662

16.7171, 20.6761,
25.5878

226.7250,
255.5523, 294.2936

10.1271, 12.8875,
16.2925

273.5016,
307.0056, 352.3840

5.5462, 7.3511,
9.5748

326.3063,

2.6092, 3.6826,

364.9395, 417.6559

5.0161

385.5044,
429.7385, 490.5277

■ 0.9506, 1.4977,
2.1978

■ 0.0000, 0.2871,
0.6731

■ 70.4764, 82.0416,
96.9151

■ 70.4764, 82.0416,
96.9151

■ 64.7430, 79.0881,
96.6473

■ 77.2344, 85.5276,
97.2344

■ 59.9774, 76.6314,
96.4230

■ 85.0559, 89.5597,
97.6017

■ 56.1286, 74.6472,
96.2416

■ 89.4707, 91.8356,
97.8096

■ 53.1375, 73.1053,
96.1003

■ 89.4709, 91.8357,
97.8108

50.9387, 71.9718,
95.9961

89.4712, 91.8358,
97.8121

49.4569, 71.2079,
95.9255

89.4714, 91.8359,
97.8134

48.6026, 70.7676,
95.8843

89.4717, 91.8360,
97.8147

48.2280, 70.5745,
95.8655

89.4719, 91.8361,
97.8160

89.4722, 91.8361,
97.8172

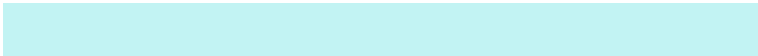
Harmonies

Analogous

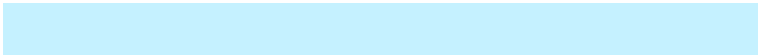
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



70.2435, 82.0416, 84.6973



70.4764, 82.0416, 96.9151



72.6747, 82.0416, 107.9948

Triad

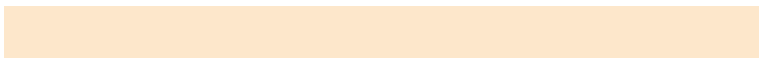
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.4764, 82.0416, 96.9151



84.2489, 82.0416, 105.7950



79.6359, 82.0416, 68.3079

Complementary

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



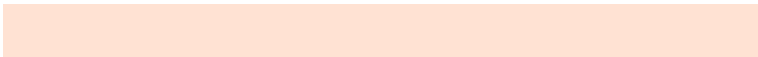
70.4764, 82.0416, 96.9151



65.9945, 61.5356, 59.4417

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.



83.5333, 82.0416, 72.9489



70.4764, 82.0416, 96.9151



86.2606, 82.0416, 94.1273

Square

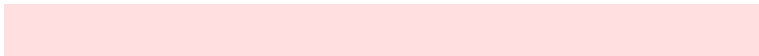
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.4764, 82.0416, 96.9151



80.5837, 82.0416, 113.4339



85.9941, 82.0416, 82.1501



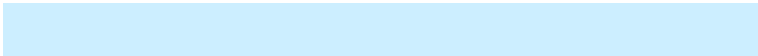
75.4293, 82.0416, 68.9070

Rectangle

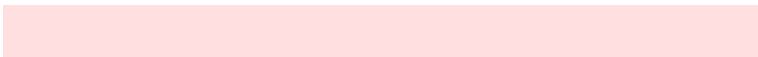
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70.4764, 82.0416, 96.9151



75.0054, 82.0416, 112.9040



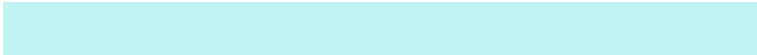
85.9941, 82.0416, 82.1501



81.0283, 82.0416, 69.2884

Sweetspot

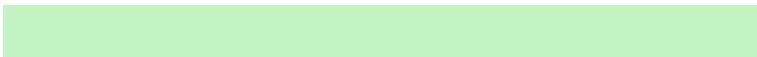
The Sweet Spot groups the original color and five complimentary colors.



70.4788, 82.0450, 96.9170



89.6432, 97.2127, 108.6461



64.2490, 79.5773, 63.0142



19.0671, 20.7455, 23.2491



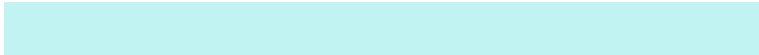
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



70.4788, 82.0450, 96.9170



76.0062, 90.1826, 108.0054



63.8424, 68.7715, 94.7073



16.9967, 18.7578, 21.2671



26.4681, 38.7321, 52.6122



2.3263, 3.4042, 4.6242

Inverse Universe

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



65.9945, 61.5356, 59.4417



70.2029, 63.6408, 59.5074



71.6921, 72.9314, 61.3391



16.4992, 16.4826, 17.1096



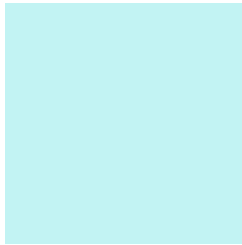
20.2862, 10.4579, 0.9497



1.7830, 0.9192, 0.0836

Previews

White Background



This preview shows how the XYZ color 70.4764, 82.0416, 96.9151 looks on a white background.

Color Contrast Check

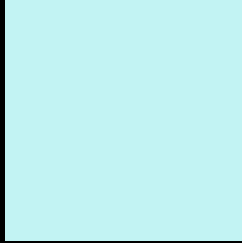
Large Text (above 18pt) WCAG AA × Fail

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 70.4764, 82.0416, 96.9151 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 70.4764, 82.0416, 96.9151

Background



This preview shows how black text looks on a background with the XYZ color 70.4764, 82.0416, 96.9151.



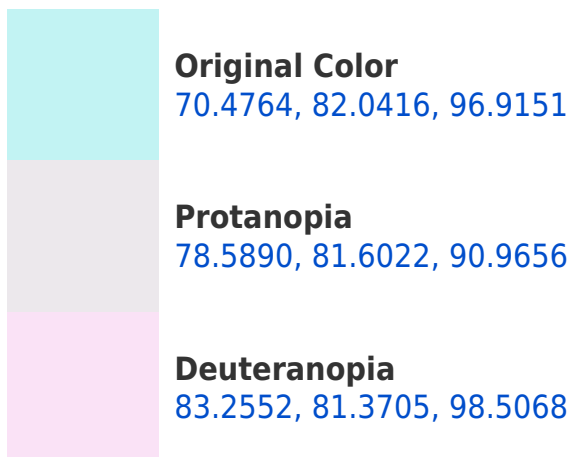
This preview shows how white text looks on a background with the XYZ color 70.4764, 82.0416,

96.9151.

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





Tritanopia

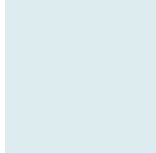
74.0933, 81.9321, 106.5171

Trichromacy



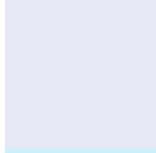
Original Color

70.4764, 82.0416, 96.9151



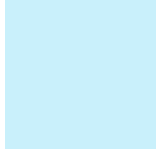
Protanomaly

75.3942, 81.5951, 93.4371



Deuteranomaly

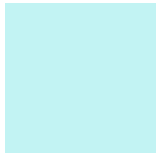
77.9712, 81.1288, 97.9361



Tritanomaly

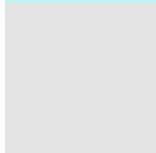
72.6601, 81.7027, 103.2074

Monochromacy



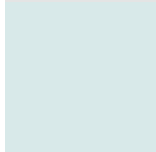
Original Color

70.4764, 82.0416, 96.9151



Achromatopsia

73.7419, 77.5822, 84.4870



Achromatomaly

72.1658, 78.7599, 88.4894

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.4764, 82.0416, 96.9151 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(194, 243, 243)` looks like.

```
.text, #text, p{  
    color:rgb(194, 243, 243)  
}
```

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(194, 243, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 243, 243) }
```

Border

The CSS property to change the border of an element to XYZ 70.4764, 82.0416, 96.9151 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(194, 243, 243) }
```


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

```
.border{ border-color:rgb(194, 243, 243) }
```

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

Here you see how a box with a 4 pixel rgb(194, 243, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 243, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 243, 243);  
box-shadow:4px 4px 4px 4px rgb(194, 243,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 70.4764, 82.0416, 96.9151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 243, 243) }
```

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

```
.background{ background-color: rgb(194,  
243, 243) }
```

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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