

Converting Colors

XYZ(70.0651, 78.4044, 93.8788)

Have a look what the booklet for
XYZ(70.0651, 78.4044, 93.8788)
contains.

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Color

**XYZ(70.0651, 78.4044,
93.8788)**

Conversions

Conversions Part 1

Format	Color
Hex	CBEBF0
RGB	203, 235, 240
RGB Percent	80%, 92%, 94%
CMY	0.2039, 0.0784, 0.0588
CMYK	0.15, 0.02, 0.00, 0.06
HSL	188°, 55%, 87%
HSV	188°, 15%, 94%
XYZ	70.0651, 78.4044, 93.8788
YIQ	226.0020, -20.6770, -5.2290

Conversions

Conversions Part 2

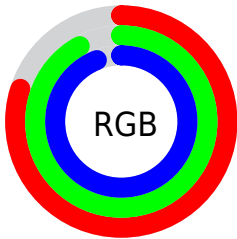
Format	Color
R _{YB}	203, 220, 240
Decimal	13364208
CIE Lab	90.96, -9.38, -5.93
CIE LCh	91, 11.099, 212.325
Yxy	78.4044, 0.2891, 0.3235
Android (android.graphics.Color)	4291554288 (0xFFCBEBF0)
YUV	226.0020, 6.9010, -20.1728
Hunter-Lab	88.5463, -13.7120, -0.8783

Details

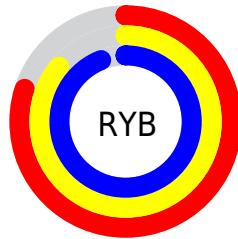
The XYZ color **70.0651, 78.4044, 93.8788** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **69.2712, 67.9488, 65.9658**, and the grayscale version is **72.2544, 76.0173, 82.7828**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.9846, 41.9968, 51.5043** is the 20% darker color. If you saturate the color by 10%, you get **63.1094, 73.4556, 93.2914**, and if you desaturate by 10%, it is **78.0540, 83.9151, 94.5227**.

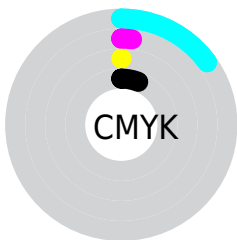
Distribution



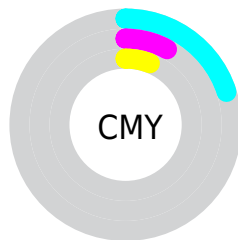
- Red (80%)
- Green (92%)
- Blue (94%)



- Red (80%)
- Yellow (86%)
- Blue (94%)



- Cyan (15%)
- Magenta (2%)
- Yellow (0%)
- Black (6%)



- Cyan (20%)
- Magenta (8%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.0651, 78.4044, 93.8788 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 70.0651, 78.4044, 93.8788 by changing the saturation by 10% instead.

70.0651, 78.4044,
93.8788

70.0651, 78.4044,
93.8788

450.0414,
489.5391, 561.4617

51.8594, 58.4062,
70.6104

118.3274,
131.1200, 154.6969

37.1168, 42.1353,
51.5445

149.1146,
164.6063, 193.0838

25.4721, 29.2073,
36.2624

184.8264,
203.3574, 237.3472

16.5597, 19.2377,
24.3456

225.8282,
247.7577, 287.9057

10.0144, 11.8421,
15.3756

272.4852,
298.1917, 345.1779

5.4709, 6.6363,
8.9339

325.1628,

2.5637, 3.2357,

355.0436, 409.5822

4.6019

384.2264,
418.6980, 481.5373

■ 0.9275, 1.2560,
1.9610

■ 0.0000, 0.1067,
0.5311

■ 70.0651, 78.4044,
93.8788

■ 70.0651, 78.4044,
93.8788

■ 63.1094, 73.4556,
93.2914

■ 78.0540, 83.9151,
94.5227

■ 57.1337, 69.0348,
92.7531

■ 87.1128, 90.0006,
95.2198

■ 52.0901, 65.1194,
92.2632

■ 89.5387, 92.6920,
95.6115

■ 47.9239, 61.6811,
91.8191

■ 90.5265, 94.6676,
95.9407

■ 44.5749, 58.6885,
91.4180

■ 91.5315, 96.6776,
96.2757

■ 41.9748, 56.1065,
91.0567

■ 92.5539, 98.7223,
96.6165

■ 40.0442, 53.8940,
90.7313

■ 92.7284, 99.0714,
96.6747

■ 38.6853, 52.0003,
90.4374

■ 38.1843, 51.2031,
90.3100

Harmonies

Analogous

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



69.2719, 78.4044, 85.9958



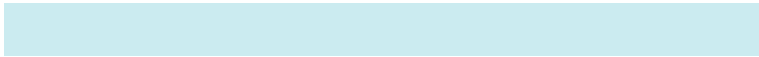
70.0651, 78.4044, 93.8788



72.0492, 78.4044, 99.7593

Triad

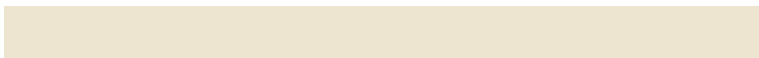
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.0651, 78.4044, 93.8788



79.3895, 78.4044, 92.7298



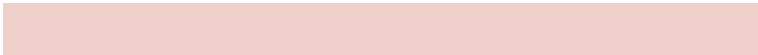
74.3029, 78.4044, 70.8761

Complementary

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



70.0651, 78.4044, 93.8788



69.2712, 67.9488, 65.9658

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.



77.0487, 78.4044, 72.4338



70.0651, 78.4044, 93.8788



80.0288, 78.4044, 84.7454

Square

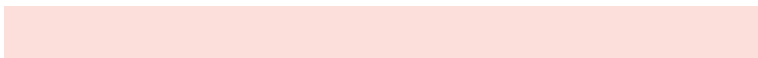
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.0651, 78.4044, 93.8788



77.4360, 78.4044, 99.0673



79.1620, 78.4044, 77.3898



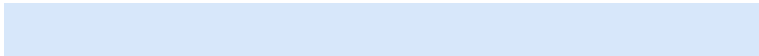
71.6802, 78.4044, 72.9956

Rectangle

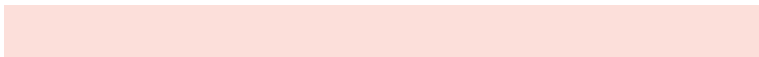
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



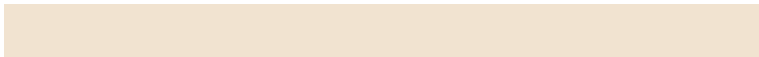
70.0651, 78.4044, 93.8788



73.8045, 78.4044, 101.5733



79.1620, 78.4044, 77.3898



75.2421, 78.4044, 70.9869

Sweetspot

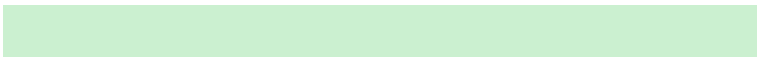
The Sweet Spot groups the original color and five complimentary colors.



70.0674, 78.4076, 93.8806



89.9670, 96.5678, 108.5054



67.1670, 79.5689, 71.4512



19.1091, 20.5691, 23.2130



0.0000, 0.0000, 0.0000



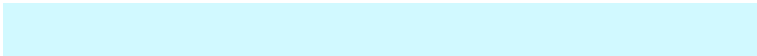
20.3446, 21.4041, 23.3091

Same Dimension

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



70.0674, 78.4076, 93.8806



78.1871, 88.4184, 107.5533



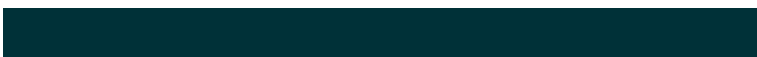
65.0595, 68.3919, 92.2113



16.0547, 17.5436, 20.2617



20.9744, 28.1731, 49.4604



1.7948, 2.4435, 4.1313

Inverse Universe

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



72.2883, 67.2370, 87.7690



81.1329, 73.7372, 99.4166



74.0304, 77.4672, 67.5522



16.3571, 15.9925, 19.4365



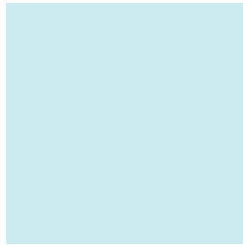
25.9126, 12.6374, 33.7857



2.1809, 1.0614, 2.9432

Previews

White Background



This preview shows how the XYZ color 70.0651, 78.4044, 93.8788 looks on a white background.

Color Contrast Check

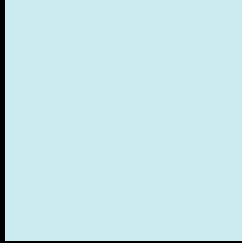
Large Text (above 18pt) WCAG AA × Fail

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 70.0651, 78.4044, 93.8788 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

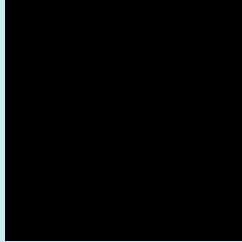
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.0651, 78.4044, 93.8788

Background



This preview shows how black text looks on a background with the XYZ color 70.0651, 78.4044, 93.8788.

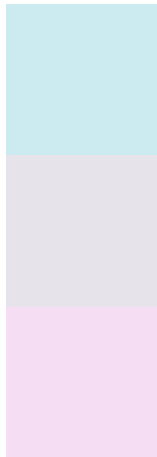


This preview shows how white text looks on a background with the XYZ color 70.0651, 78.4044,

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

70.0651, 78.4044, 93.8788

Protanopia

75.4195, 77.9253, 89.6633

Deuteranopia

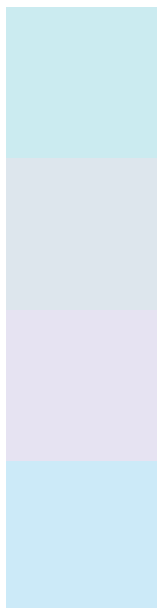
79.9551, 78.1261, 95.6598



Tritanopia

71.8864, 78.2852, 103.4172

Trichromacy



Original Color

70.0651, 78.4044, 93.8788

Protanomaly

73.4017, 78.0802, 91.3231

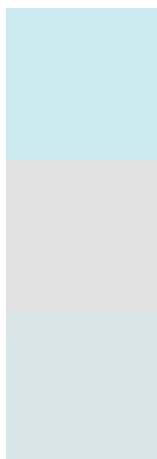
Deuteranomaly

76.1292, 78.1720, 95.0807

Tritanomaly

71.2679, 78.4603, 100.1951

Monochromacy



Original Color

70.0651, 78.4044, 93.8788

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

71.3566, 76.7136, 86.6476

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.0651, 78.4044, 93.8788 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(203, 235, 240)` looks like.

```
.text, #text, p{  
    color:rgb(203, 235, 240)  
}
```

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(203, 235, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 235, 240) }
```

Border

The CSS property to change the border of an element to XYZ 70.0651, 78.4044, 93.8788 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(203, 235, 240) }
```


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

```
.border{ border-color:rgb(203, 235, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 235, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 235, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 235, 240);  
box-shadow:4px 4px 4px 4px rgb(203, 235,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 70.0651, 78.4044, 93.8788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 235, 240) }
```

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

```
.background{ background-color: rgb(203,  
235, 240) }
```

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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