

Converting Colors

XYZ(52.5976, 71.4853, 87.1564)

Have a look what the booklet for
XYZ(52.5976, 71.4853, 87.1564)
contains.

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Color

**XYZ(52.7958, 71.7912,
87.4184)**

Conversions

Conversions Part 1

Format	Color
Hex	73F0E8
RGB	115, 240, 232
RGB Percent	45%, 94%, 91%
CMY	0.5490, 0.0588, 0.0902
CMYK	0.52, 0.00, 0.03, 0.06
HSL	176°, 81%, 70%
HSV	176°, 52%, 94%
XYZ	52.7958, 71.7912, 87.4184
YIQ	201.7130, -71.9320, -28.9880

Conversions

Conversions Part 2

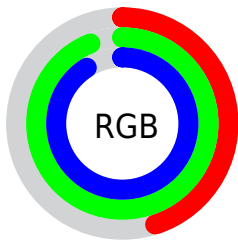
Format	Color
RYB	115, 180, 240
Decimal	7598312
CIELab	87.87, -36.69, -6.80
CIELCh	88, 37.318, 190.503
Yxy	71.7912, 0.2490, 0.3386
Android (android.graphics.Color)	4285788392 (0xFF73F0E8)
YUV	201.7130, 14.9315, -76.0473
Hunter-Lab	84.7297, -37.0521, -1.8607

Details

The XYZ color **52.7958, 71.7912, 87.4184** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **45.6435, 32.2189, 22.5546**, and the grayscale version is **55.9042, 58.8155, 64.0501**.

A 20% lighter version of the original color is **71.4892, 87.8540, 107.7974**, and **25.9422, 37.6059, 46.9657** is the 20% darker color. If you saturate the color by 10%, you get **49.8245, 70.2862, 86.1465**, and if you desaturate by 10%, it is **56.5947, 73.7260, 88.7422**.

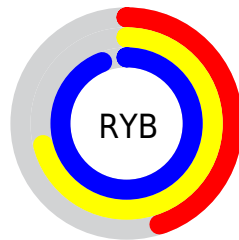
Distribution



Red (45%)

Green (94%)

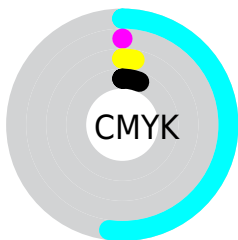
Blue (91%)



Red (45%)

Yellow (71%)

Blue (94%)

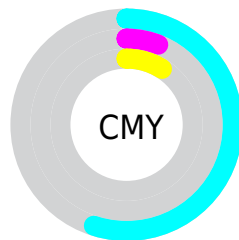


Cyan (52%)

Magenta (0%)

Yellow (3%)

Black (6%)



Cyan (55%)


Magenta (6%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.7958, 71.7912, 87.4184 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 52.7958, 71.7912, 87.4184 by changing the saturation by 10% instead.


 52.7958, 71.7912,
87.4184


 52.7958, 71.7912,
87.4184


387.7749,
466.8145, 539.9486


 37.8666, 52.9881,
65.2799


 93.4711, 121.7596,
145.6512

 26.0559, 37.7933,
47.2353


 119.9480,
153.6938, 182.5826

 16.9984, 25.8223,
32.8660


 151.0047,
190.7737, 225.2820

 10.3286, 16.6907,
21.7536

187.0068,
233.3839, 274.1680

 5.6813, 10.0142,
13.4793

228.3195,
281.9087, 329.6591

 2.6911, 5.4084,
7.6249

275.3081,

 0.9926, 2.4888,

336.7324, 392.1739

3.7715

328.3382,
398.2396, 462.1309

■ 0.0000, 0.8710,
1.5009

■ 0.0000, 0.0000,
0.2186

■ 52.7958, 71.7912,
87.4184

■ 52.7958, 71.7912,
87.4184

■ 49.8245, 70.2862,
86.1465

■ 56.5947, 73.7260,
88.7422

■ 47.6092, 69.1691,
84.9183


■ 61.2729, 76.1121,
90.1155


■ 46.0770, 68.4039,
83.7320


■ 66.8857, 78.9798,
91.5426


■ 45.1376, 67.9440,
82.5833


■ 73.4815, 82.3541,
93.0257


 44.7027, 67.7391,
81.6953

 81.1059, 86.2584,
94.5670

 88.3114, 89.9466,
96.0988

 88.5422, 90.0389,
97.3143

 88.7750, 90.1320,
98.5400

 89.0097, 90.2259,
99.7760

Harmonies

Analogous

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



53.3817, 71.7912, 62.9665



52.7958, 71.7912, 87.4184



56.0661, 71.7912, 114.3957

Triad

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



52.7958, 71.7912, 87.4184



79.9282, 71.7912, 121.5241



74.0903, 71.7912, 40.5600

Complementary

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



52.7958, 71.7912, 87.4184



45.6435, 32.2189, 22.5546

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.



82.0493, 71.7912, 50.5320



52.7958, 71.7912, 87.4184



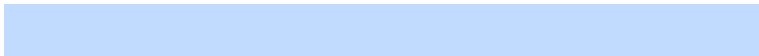
85.6167, 71.7912, 95.6391

Square

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



52.7958, 71.7912, 87.4184



71.3931, 71.7912, 136.7335



86.4249, 71.7912, 69.5951



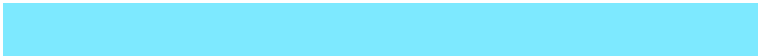
65.1722, 71.7912, 39.2926

Rectangle

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



52.7958, 71.7912, 87.4184



60.1740, 71.7912, 128.8815



86.4249, 71.7912, 69.5951



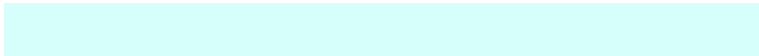
76.9864, 71.7912, 42.8837

Sweetspot

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



52.7979, 71.7940, 87.4201



81.1822, 92.8992, 106.0708



42.4730, 67.7964, 27.0687



17.0418, 19.7131, 22.6283



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.



52.7979, 71.7940, 87.4201



57.1420, 80.6411, 98.8427



40.3245, 44.9862, 88.9990



16.2011, 17.9105, 20.0820



24.4891, 37.0877, 44.8203



2.0504, 3.0906, 3.7977

Inverse Universe

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



45.6435, 32.2189, 22.5546



48.1604, 30.8529, 17.3327



53.2512, 48.2036, 22.7189



15.8138, 15.7752, 16.5759



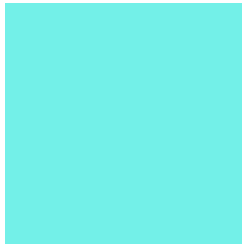
19.7363, 10.1670, 1.2622



1.6562, 0.8515, 0.1802

Previews

White Background



This preview shows how the XYZ color 52.7958, 71.7912, 87.4184 looks on a white background.

Color Contrast Check

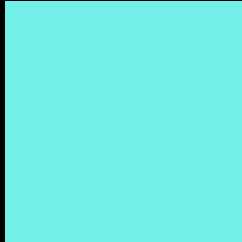
Large Text (above 18pt) WCAG AA × Fail

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 52.7958, 71.7912, 87.4184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

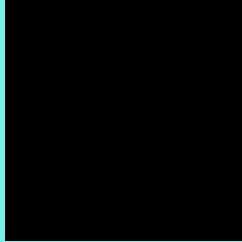
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.7958, 71.7912, 87.4184

Background



This preview shows how black text looks on a background with the XYZ color 52.7958, 71.7912, 87.4184.

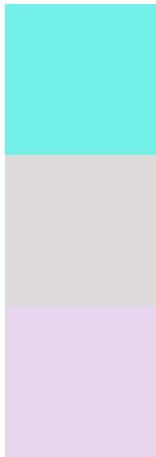


This preview shows how white text looks on a background with the XYZ color 52.7958, 71.7912,

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

52.7958, 71.7912, 87.4184

Protanopia

68.2890, 70.9453, 77.1124

Deuteranopia

72.1819, 70.7505, 90.7407



Tritanopia

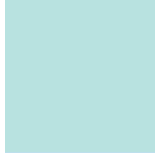
56.6496, 71.6465, 105.4512

Trichromacy



Original Color

52.7958, 71.7912, 87.4184



Protanomaly

60.4181, 69.9649, 80.8412



Deuteranomaly

62.5143, 69.6503, 89.5059



Tritanomaly

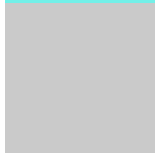
55.0987, 71.4213, 98.8774

Monochromacy



Original Color

52.7958, 71.7912, 87.4184



Achromatopsia

56.1383, 59.0619, 64.3184



Achromatomaly

53.1437, 62.4619, 72.2062

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.7958, 71.7912, 87.4184 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(115, 240, 232)` looks like.

```
.text, #text, p{  
    color:rgb(115, 240, 232)  
}
```

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(115, 240, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 240, 232) }
```

Border

The CSS property to change the border of an element to XYZ 52.7958, 71.7912, 87.4184 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(115, 240, 232) }
```


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

```
.border{ border-color:rgb(115, 240, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 240, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 240, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 240, 232);  
box-shadow:4px 4px 4px 4px rgb(115, 240,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 52.7958, 71.7912, 87.4184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 240, 232) }
```

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

```
.background{ background-color: rgb(115,  
240, 232) }
```

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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