

Converting Colors

XYZ(53.9620, 74.6397, 88.1552)

Have a look what the booklet for
XYZ(53.9620, 74.6397, 88.1552)
contains.

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Color

**XYZ(53.9000, 74.5758,
87.8977)**

Conversions

Conversions Part 1

Format	Color
Hex	70F5E8
RGB	112, 245, 232
RGB Percent	44%, 96%, 91%
CMY	0.5608, 0.0392, 0.0902
CMYK	0.54, 0.00, 0.05, 0.04
HSL	174°, 87%, 70%
HSV	174°, 54%, 96%
XYZ	53.9000, 74.5758, 87.8977
YIQ	203.7510, -75.0950, -32.2390

Conversions

Conversions Part 2

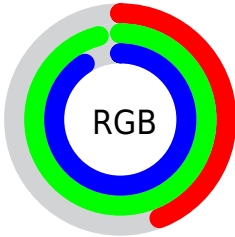
Format	Color
RYB	112, 182, 245
Decimal	7402984
CIELab	89.19, -39.56, -4.86
CIELCh	89, 39.859, 186.997
Yxy	74.5758, 0.2491, 0.3447
Android (android.graphics.Color)	4285593064 (0xFF70F5E8)
YUV	203.7510, 13.9268, -80.4656
Hunter-Lab	86.3573, -39.7143, 0.1025

Details

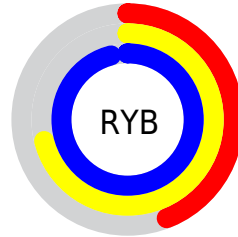
The XYZ color **53.9000, 74.5758, 87.8977** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **47.1546, 32.4836, 23.1893**, and the grayscale version is **57.1882, 60.1664, 65.5213**.

A 20% lighter version of the original color is **71.0436, 87.6242, 107.7765**, and **26.6564, 39.5324, 47.2999** is the 20% darker color. If you saturate the color by 10%, you get **50.8592, 73.0490, 85.9929**, and if you desaturate by 10%, it is **57.7978, 76.5474, 89.8701**.

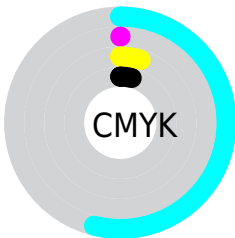
Distribution



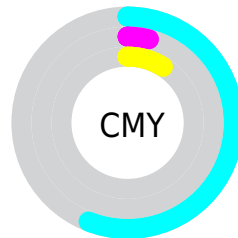
- Red (44%)
- Green (96%)
- Blue (91%)



- Red (44%)
- Yellow (71%)
- Blue (96%)



- Cyan (54%)
- Magenta (0%)
- Yellow (5%)
- Black (4%)





- Cyan (56%)
- Magenta (4%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.9000, 74.5758, 87.8977 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 53.9000, 74.5758, 87.8977 by changing the saturation by 10% instead.


 53.9000, 74.5758,
87.8977


 53.9000, 74.5758,
87.8977


391.9331,
476.4583, 541.5608


 38.7521, 55.2654,
65.6745


 95.0852, 125.7117,
146.3246

 26.7468, 39.6143,
47.5534


 121.8531,
158.3060, 183.3654

 17.5187, 27.2379,
33.1159


 153.2251,
196.0972, 226.1825

 10.7026, 17.7520,
21.9434

189.5665,
239.4695, 275.1943

 5.9330, 10.7721,
13.6174

231.2426,
288.8073, 330.8196

 2.8447, 5.9138,
7.7193

278.6189,

 1.0722, 2.7927,

344.4951, 393.4767

3.8307

332.0606,
406.9173, 463.5843

0.0016, 1.0245,
1.5329

0.0000, 0.0000,
0.2423

53.9000, 74.5758,
87.8977

53.9000, 74.5758,
87.8977

50.8592, 73.0490,
85.9929

57.7978, 76.5474,
89.8701

48.5982, 71.9219,
84.1470


62.6086, 78.9873,
91.9080


47.0372, 71.1552,
82.3579

68.3914, 81.9278,
94.0157


46.0761, 70.6972,
80.6208


75.1984, 85.3957,
96.1958


 45.7117, 70.5305,
79.6473

 83.0780, 89.4161,
98.4507

 90.5855, 93.2441,
100.7129

 90.9564, 93.3924,
102.6659

 91.3320, 93.5427,
104.6439

 91.7125, 93.6948,
106.6471

Harmonies

Analogous

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



55.0302, 74.5758, 62.0248



53.9000, 74.5758, 87.8977



56.9761, 74.5758, 117.8646

Triad

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



53.9000, 74.5758, 87.8977



82.7365, 74.5758, 131.9015



78.4408, 74.5758, 41.2184

Complementary

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



53.9000, 74.5758, 87.8977



47.1546, 32.4836, 23.1893

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.



86.8844, 74.5758, 53.0571



53.9000, 74.5758, 87.8977



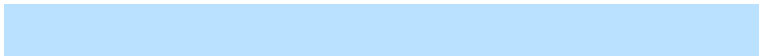
89.5185, 74.5758, 103.9694

Square

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



53.9000, 74.5758, 87.8977



73.1835, 74.5758, 146.7707



91.1018, 74.5758, 74.8522



68.6293, 74.5758, 38.8115

Rectangle

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



53.9000, 74.5758, 87.8977



61.1799, 74.5758, 134.8804



91.1018, 74.5758, 74.8522



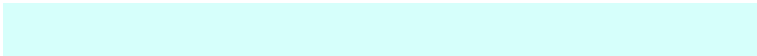
81.5593, 74.5758, 44.0698

Sweetspot

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



53.9022, 74.5787, 87.8995



80.9643, 92.8120, 104.9233



44.0807, 70.8603, 26.6849



16.9893, 19.6921, 22.3517



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.



53.9022, 74.5787, 87.8995



55.4537, 79.8762, 93.9982



41.9716, 47.6515, 93.3750



16.9228, 18.7282, 20.8776



24.6539, 38.0064, 43.0587



2.1867, 3.3483, 3.8891

Inverse Universe

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



47.1546, 32.4836, 23.1893



47.4064, 29.4757, 16.6781



54.0747, 47.5674, 21.6622



16.5649, 16.5088, 17.4555



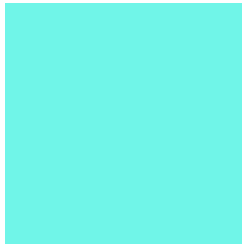
20.3970, 10.5022, 1.5329



1.8144, 0.9317, 0.2489

Previews

White Background



This preview shows how the XYZ color 53.9000, 74.5758, 87.8977 looks on a white background.

Color Contrast Check

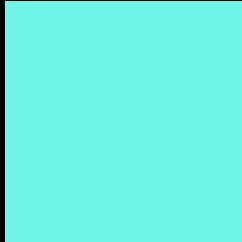
Large Text (above 18pt) WCAG AA × Fail

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 53.9000, 74.5758, 87.8977 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

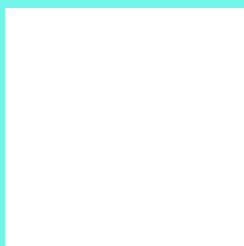
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.9000, 74.5758, 87.8977

Background



This preview shows how black text looks on a background with the XYZ color 53.9000, 74.5758, 87.8977.

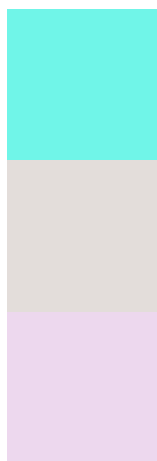


This preview shows how white text looks on a background with the XYZ color 53.9000, 74.5758,

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

53.9000, 74.5758, 87.8977

Protanopia

70.1899, 73.1058, 76.7411

Deuteranopia

74.9135, 73.2893, 91.0868



Tritanopia

59.9522, 74.2087, 105.7716

Trichromacy



Original Color

53.9000, 74.5758, 87.8977



Protanomaly

61.6237, 72.2356, 80.5070



Deuteranomaly

64.3476, 72.2008, 89.9015



Tritanomaly

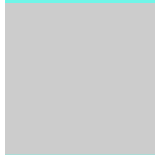
57.7595, 74.5315, 99.3375

Monochromacy



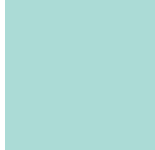
Original Color

53.9000, 74.5758, 87.8977



Achromatopsia

57.3938, 60.3827, 65.7568



Achromatomaly

54.2637, 64.1760, 73.1455

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.9000, 74.5758, 87.8977 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(112, 245, 232)` looks like.

```
.text, #text, p{  
    color:rgb(112, 245, 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(112, 245, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 245, 232) }
```

Border

The CSS property to change the border of an element to XYZ 53.9000, 74.5758, 87.8977 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(112, 245, 232) }
```


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

```
.border{ border-color:rgb(112, 245, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 245, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 245, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 245, 232);  
box-shadow:4px 4px 4px 4px rgb(112, 245,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 53.9000, 74.5758, 87.8977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 245, 232) }
```

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

```
.background{ background-color: rgb(112,  
245, 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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