

Converting Colors

XYZ(54.4912, 72.4065, 93.3083)

Have a look what the booklet for
XYZ(54.4912, 72.4065, 93.3083)
contains.

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Color

**XYZ(54.6340, 72.6045,
93.5726)**

Conversions

Conversions Part 1

Format	Color
Hex	78F0F0
RGB	120, 240, 240
RGB Percent	47%, 94%, 94%
CMY	0.5294, 0.0588, 0.0588
CMYK	0.50, 0.00, 0.00, 0.06
HSL	180°, 80%, 71%
HSV	180°, 50%, 94%
XYZ	54.6340, 72.6045, 93.5726
YIQ	204.1200, -71.5200, -25.4400

Conversions

Conversions Part 2

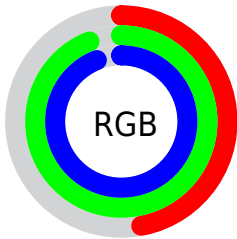
Format	Color
R_{YB}	120, 180, 240
Decimal	7926000
CIE _{Lab}	88.26, -33.66, -10.39
CIE _{LCh}	88, 35.229, 197.157
Yxy	72.6045, 0.2474, 0.3288
Android (android.graphics.Color)	4286116080 (0xFF78F0F0)
YUV	204.1200, 17.6888, -73.7732
Hunter-Lab	85.2083, -34.6635, -5.4643

Details

The XYZ color **54.6340, 72.6045, 93.5726** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **46.0443, 33.3165, 21.7758**, and the grayscale version is **57.3964, 60.3855, 65.7598**.

A 20% lighter version of the original color is **72.6324, 88.4433, 107.8509**, and **27.3135, 38.5259, 51.3441** is the 20% darker color. If you saturate the color by 10%, you get **51.7140, 71.1009, 93.4372**, and if you desaturate by 10%, it is **58.3924, 74.5437, 93.7504**.

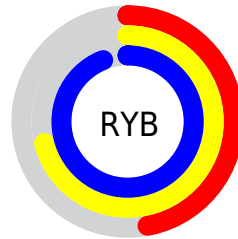
Distribution



Red (47%)

Green (94%)

Blue (94%)



Red (47%)

Yellow (71%)

Blue (94%)

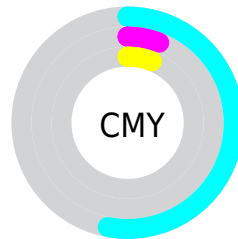


Cyan (50%)

Magenta (0%)

Yellow (0%)

Black (6%)



Cyan (53%)


Magenta (6%)


Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.6340, 72.6045, 93.5726 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 54.6340, 72.6045, 93.5726 by changing the saturation by 10% instead.


 54.6340, 72.6045,
93.5726


 54.6340, 72.6045,
93.5726


394.6821,
469.6429, 560.4523


 39.3414, 53.6526,
70.3572


 96.1560, 122.9156,
154.2697

 27.2074, 38.3240,
51.3392


 123.1161,
155.0436, 192.5884

 17.8664, 26.2343,
36.1000


 154.6961,
192.3324, 236.7788

 10.9532, 16.9990,
24.2212

191.2613,
235.1665, 287.2591

 6.1025, 10.2338,
15.2840

233.1772,
283.9302, 344.4482

 2.9487, 5.5542,
8.8701

280.8091,

 1.1267, 2.5760,

339.0079, 408.7643

4.5609

334.5222,
400.7840, 480.6262

■ 0.0473, 0.9146,
1.9378

■ 0.0000, 0.0000,
0.5166

■ 54.6340, 72.6045,
93.5726

■ 54.6340, 72.6045,
93.5726

■ 51.7140, 71.1009,
93.4372

■ 58.3924, 74.5437,
93.7504

■ 49.5624, 69.9917,
93.3362


■ 63.0396, 76.9394,
93.9683


■ 48.1086, 69.2422,
93.2678


■ 68.6298, 79.8213,
94.2303


■ 47.2662, 68.8080,
93.2280


■ 75.2110, 83.2140,
94.5386


 46.8894, 68.6137,
93.2100


 82.8278, 87.1406,
94.8954

 46.8893, 68.6137,
93.2100

 88.1300, 89.8740,
95.1439

 88.1301, 89.8740,
95.1443

 88.1302, 89.8740,
95.1446

 88.1303, 89.8741,
95.1450

Harmonies

Analogous

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



54.3639, 72.6045, 69.1660



54.6340, 72.6045, 93.5726



58.5505, 72.6045, 118.2647

Triad

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



54.6340, 72.6045, 93.5726



81.6049, 72.6045, 115.0584



72.6791, 72.6045, 41.8452

Complementary

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



54.6340, 72.6045, 93.5726



46.0443, 33.3165, 21.7758

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.



80.6428, 72.6045, 49.6373



54.6340, 72.6045, 93.5726



86.0717, 72.6045, 89.8421

Square

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



54.6340, 72.6045, 93.5726



73.9073, 72.6045, 132.3000



85.7058, 72.6045, 66.1206



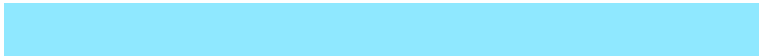
64.3309, 72.6045, 42.4405

Rectangle

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



54.6340, 72.6045, 93.5726



62.8979, 72.6045, 130.0895



85.7058, 72.6045, 66.1206



75.5024, 72.6045, 43.4907

Sweetspot

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



54.6362, 72.6073, 93.5743



82.3509, 93.4534, 108.3051



42.5786, 67.8167, 28.6169



17.2905, 19.8297, 23.1660



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.



54.6362, 72.6073, 93.5743



59.2890, 81.5646, 107.2240



40.2042, 43.7428, 88.7653



16.2474, 17.9290, 20.3258



25.6670, 37.5588, 51.0228



2.1353, 3.1245, 4.2446

Inverse Universe

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



46.0443, 33.3165, 21.7758



48.3898, 31.7221, 16.1437



55.2484, 51.7249, 24.8431



15.7729, 15.7589, 16.3602



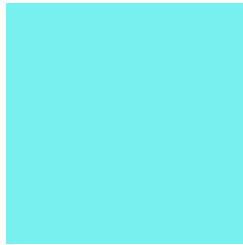
19.6715, 10.1410, 0.9207



1.6365, 0.8436, 0.0766

Previews

White Background



This preview shows how the XYZ color 54.6340, 72.6045, 93.5726 looks on a white background.

Color Contrast Check

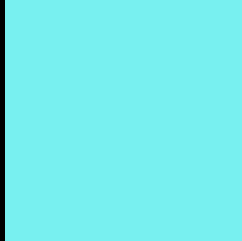
Large Text (above 18pt) WCAG AA × Fail

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 54.6340, 72.6045, 93.5726 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

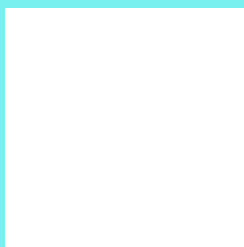
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.6340, 72.6045, 93.5726

Background



This preview shows how black text looks on a background with the XYZ color 54.6340, 72.6045, 93.5726.

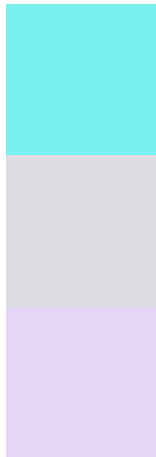


This preview shows how white text looks on a background with the XYZ color 54.6340, 72.6045,

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

54.6340, 72.6045, 93.5726

Protanopia

69.3208, 71.7387, 82.8664

Deuteranopia

73.3142, 71.5699, 97.1391



Tritanopia

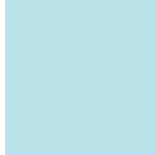
57.8499, 72.6939, 105.5901

Trichromacy



Original Color

54.6340, 72.6045, 93.5726



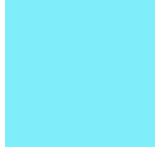
Protanomaly

62.0422, 71.0787, 86.7935



Deuteranomaly

63.9520, 70.2542, 95.7777



Tritanomaly

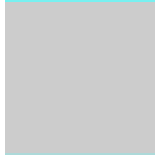
56.7319, 72.6404, 101.4734

Monochromacy



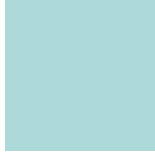
Original Color

54.6340, 72.6045, 93.5726



Achromatopsia

57.3938, 60.3827, 65.7568



Achromatomaly

54.5708, 63.5197, 75.0300

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.6340, 72.6045, 93.5726 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(120, 240, 240)` looks like.

```
.text, #text, p{  
    color:rgb(120, 240, 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(120, 240, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 240, 240) }
```

Border

The CSS property to change the border of an element to XYZ 54.6340, 72.6045, 93.5726 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(120, 240, 240) }
```


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

```
.border{ border-color:rgb(120, 240, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 240, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 240, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 240, 240);  
box-shadow:4px 4px 4px 4px rgb(120, 240,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 54.6340, 72.6045, 93.5726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 240, 240) }
```

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

```
.background{ background-color: rgb(120,  
240, 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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