

Converting Colors

XYZ(53.0707, 72.7519, 95.4319)

Have a look what the booklet for
XYZ(53.0707, 72.7519, 95.4319)
contains.

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Color

**XYZ(52.9247, 72.5677,
95.2219)**

Conversions

Conversions Part 1

Format	Color
Hex	63F2F2
RGB	99, 242, 242
RGB Percent	39%, 95%, 95%
CMY	0.6117, 0.0510, 0.0510
CMYK	0.59, 0.00, 0.00, 0.05
HSL	180°, 85%, 67%
HSV	180°, 59%, 95%
XYZ	52.9247, 72.5677, 95.2219
YIQ	199.2430, -85.2280, -30.3160

Conversions

Conversions Part 2

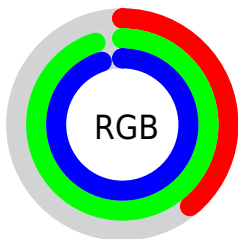
Format	Color
R_{YB}	99, 171, 242
Decimal	6550258
CIE _{Lab}	88.24, -37.97, -11.53
CIE _{LCh}	88, 39.680, 196.897
Yxy	72.5677, 0.2398, 0.3288
Android (android.graphics.Color)	4284740338 (0xFF63F2F2)
YUV	199.2430, 21.0792, -87.9131
Hunter-Lab	85.1867, -38.1784, -6.6438

Details

The XYZ color **52.9247, 72.5677, 95.2219** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **43.3343, 28.7040, 15.0632**, and the grayscale version is **54.3494, 57.1798, 62.2688**.

A 20% lighter version of the original color is **68.9143, 86.5265, 107.6769**, and **26.2119, 38.2431, 52.4545** is the 20% darker color. If you saturate the color by 10%, you get **50.6670, 71.4055, 95.1176**, and if you desaturate by 10%, it is **55.9787, 74.1437, 95.3667**.

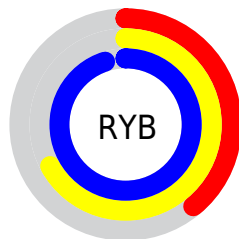
Distribution



Red (39%)

Green (95%)

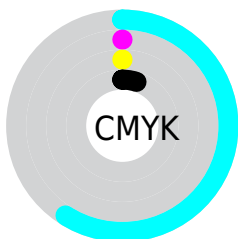
Blue (95%)



Red (39%)

Yellow (67%)

Blue (95%)

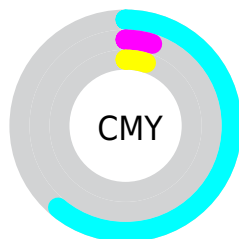


Cyan (59%)

Magenta (0%)

Yellow (0%)

Black (5%)



Cyan (61%)

Magenta (5%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.9247, 72.5677, 95.2219 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 52.9247, 72.5677, 95.2219 by changing the saturation by 10% instead.

52.9247, 72.5677,
95.2219

52.9247, 72.5677,
95.2219

388.2618,
469.5152, 565.8776

37.9699, 53.6226,
71.7218

93.6597, 122.8633,
156.5693

26.1364, 38.3000,
52.4460

120.1707,
154.9826, 195.2537

17.0590, 26.2156,
36.9760

151.2644,
192.2620, 239.8366

10.3721, 16.9850,
24.8933

187.3062,
235.0859, 290.7366

5.7105, 10.2238,
15.7793

228.6615,
283.8388, 348.3721

2.7088, 5.5476,
9.2154

275.6956,

1.0017, 2.5720,

338.9051, 413.1618

4.7832

328.7739,
400.6690, 485.5241

■ 0.0000, 0.9126,
2.0641

■ 0.0000, 0.0000,
0.5943

■ 52.9247, 72.5677,
95.2219

■ 52.9247, 72.5677,
95.2219

■ 50.6670, 71.4055,
95.1176

■ 55.9787, 74.1437,
95.3667

■ 49.1259, 70.6110,
95.0452


■ 59.8865, 76.1583,
95.5499


■ 48.2168, 70.1423,
95.0023


■ 64.7081, 78.6439,
95.7758


■ 47.8079, 69.9316,
94.9829


■ 70.4959, 81.6276,
96.0470


 47.7803, 69.9173,
94.9816

 77.2987, 85.1346,
96.3657

 85.1618, 89.1881,
96.7339

 89.0209, 91.1776,
96.9148

 89.0210, 91.1776,
96.9151

 89.0210, 91.1776,
96.9154

Harmonies

Analogous

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



52.6627, 72.5677, 67.7337



52.9247, 72.5677, 95.2219



57.2253, 72.5677, 123.7146

Triad

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



52.9247, 72.5677, 95.2219



83.1941, 72.5677, 120.4401



73.1995, 72.5677, 38.2174

Complementary

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



52.9247, 72.5677, 95.2219



43.3343, 28.7040, 15.0632

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.



82.2285, 72.5677, 46.6320



52.9247, 72.5677, 95.2219



88.3458, 72.5677, 91.4816

Square

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



52.9247, 72.5677, 95.2219



74.4222, 72.5677, 140.4112



87.9770, 72.5677, 64.7581



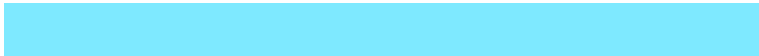
63.7973, 72.5677, 38.7727

Rectangle

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



52.9247, 72.5677, 95.2219



62.0488, 72.5677, 137.5875



87.9770, 72.5677, 64.7581



76.3949, 72.5677, 39.9908

Sweetspot

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



52.9269, 72.5705, 95.2236



80.1327, 92.3099, 108.2013



39.4164, 67.1968, 22.6990



16.7124, 19.5317, 23.1390



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.



52.9269, 72.5705, 95.2236



56.6297, 80.1937, 107.0996



36.0962, 38.9086, 89.6150



16.2474, 17.9290, 20.3259



25.6671, 37.5588, 51.0231



2.1353, 3.1245, 4.2447

Inverse Universe

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



43.3343, 28.7040, 15.0632



44.9199, 26.6447, 9.2456



52.8969, 47.8293, 18.2502



15.7729, 15.7589, 16.3602



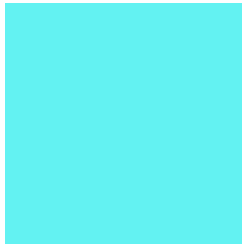
19.6715, 10.1410, 0.9207



1.6365, 0.8436, 0.0766

Previews

White Background



This preview shows how the XYZ color 52.9247, 72.5677, 95.2219 looks on a white background.

Color Contrast Check

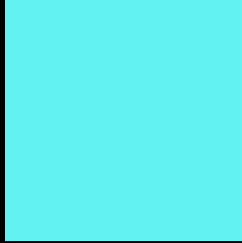
Large Text (above 18pt) WCAG AA × Fail

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 52.9247, 72.5677, 95.2219 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 52.9247, 72.5677, 95.2219

Background



This preview shows how black text looks on a background with the XYZ color 52.9247, 72.5677, 95.2219.

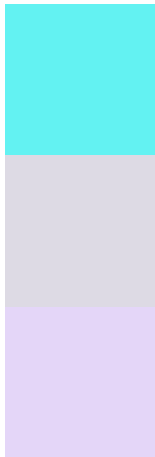


This preview shows how white text looks on a background with the XYZ color 52.9247, 72.5677,

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

52.9247, 72.5677, 95.2219

Protanopia

68.8938, 71.1164, 83.4945

Deuteranopia

72.9848, 71.3644, 98.7349



Tritanopia

56.7916, 72.1483, 105.5405

Trichromacy



Original Color

52.9247, 72.5677, 95.2219



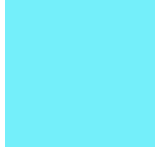
Protanomaly

60.3085, 70.1685, 87.4561



Deuteranomaly

62.3463, 69.7889, 97.3734



Tritanomaly

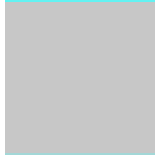
55.3243, 72.3481, 101.4912

Monochromacy



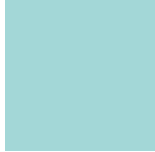
Original Color

52.9247, 72.5677, 95.2219



Achromatopsia

54.2854, 57.1125, 62.1955



Achromatomaly

51.6704, 61.2937, 73.3975

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.9247, 72.5677, 95.2219 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(99, 242, 242)` looks like.

```
.text, #text, p{  
    color:rgb(99, 242, 242)  
}
```

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(99, 242, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 242, 242) }
```

Border

The CSS property to change the border of an element to XYZ 52.9247, 72.5677, 95.2219 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(99, 242, 242) }
```


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

```
.border{ border-color:rgb(99, 242, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 242, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 242, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 242, 242);  
box-shadow:4px 4px 4px 4px rgb(99, 242,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 52.9247, 72.5677, 95.2219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 242, 242) }
```

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

```
.background{ background-color: rgb(99, 242,  
242) }
```

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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