

Converting Colors

XYZ(43.8975, 54.9908, 92.3050)

Have a look what the booklet for
XYZ(43.8975, 54.9908, 92.3050)
contains.

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Color

**XYZ(43.8975, 54.9908,
92.3050)**

Conversions

Conversions Part 1

Format	Color
Hex	60D2F2
RGB	96, 210, 242
RGB Percent	38%, 82%, 95%
CMY	0.6235, 0.1765, 0.0510
CMYK	0.60, 0.13, 0.00, 0.05
HSL	193°, 85%, 66%
HSV	193°, 60%, 95%
XYZ	43.8975, 54.9908, 92.3050
YIQ	179.5620, -78.2160, -14.2160

Conversions

Conversions Part 2

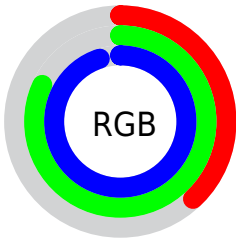
Format	Color
R _Y B	96, 160, 242
Decimal	6345458
CIE Lab	79.04, -23.15, -25.43
CIE LCh	79, 34.389, 227.689
Yxy	54.9908, 0.2296, 0.2876
Android (android.graphics.Color)	4284535538 (0xFF60D2F2)
YUV	179.5620, 30.7819, -73.2839
Hunter-Lab	74.1558, -24.1072, -21.8919

Details

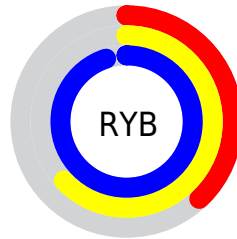
The XYZ color **43.8975, 54.9908, 92.3050** is a light color, and the websafe version is hex **33CCFF**. A complement of this color would be **46.4500, 35.1621, 15.4070**, and the grayscale version is **43.0202, 45.2606, 49.2888**.

A 20% lighter version of the original color is **67.9106, 86.0091, 107.6299**, and **20.5843, 26.9879, 50.5786** is the 20% darker color. If you saturate the color by 10%, you get **40.4448, 51.3000, 91.7756**, and if you desaturate by 10%, it is **48.1806, 59.1763, 92.8882**.

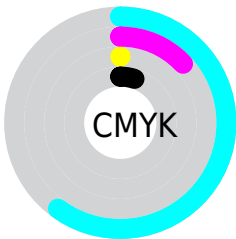
Distribution



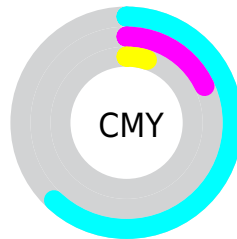
- Red (38%)
- Green (82%)
- Blue (95%)



- Red (38%)
- Yellow (63%)
- Blue (95%)



- Cyan (60%)
- Magenta (13%)
- Yellow (0%)
- Black (5%)



- Cyan (62%)
- Magenta (18%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.8975, 54.9908, 92.3050 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 43.8975, 54.9908, 92.3050 by changing the saturation by 10% instead.

43.8975, 54.9908,
92.3050

43.8975, 54.9908,
92.3050

353.1491,
405.8771, 556.2632

30.7875, 39.3944,
69.3095

80.3108, 97.5275,
152.4994

20.5881, 27.0666,
50.4905

104.3448,
125.2365, 190.5354

12.9340, 17.6233,
35.4294

132.7508,
157.7518, 234.4221

7.4598, 10.6799,
23.7076

165.8943,
195.4579, 284.5778

3.8002, 5.8520,
14.9067

204.1405,
238.7390, 341.4213

1.5897, 2.7553,
8.6080

247.8548,

0.3857, 1.0054,

287.9797, 405.3710

4.3931

297.4025,
343.5642, 476.8454

■ 0.0000, 0.0000,
1.8434

■ 0.0000, 0.0000,
0.4563

■ 43.8975, 54.9908,
92.3050

■ 43.8975, 54.9908,
92.3050

■ 40.4448, 51.3000,
91.7756

■ 48.1806, 59.1763,
92.8882

■ 37.7421, 48.0586,
91.2924


■ 53.3542, 63.8849,
93.5243


■ 35.7020, 45.2219,
90.8524


■ 59.4788, 69.1493,
94.2177


■ 34.2163, 42.7891,
90.4611


■ 66.6081, 74.9979,
94.9708

 74.7914, 81.4567,
95.7862

 84.0750, 88.5501,
96.6660

 90.5682, 94.2729,
97.4284

 92.2146, 97.5657,
97.9772

 93.0272, 99.1909,
98.2481

Harmonies

Analogous

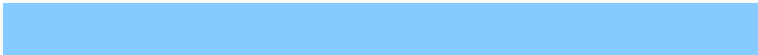
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



40.7024, 54.9908, 72.0768



43.8975, 54.9908, 92.3050



49.5105, 54.9908, 104.7763

Triad

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



43.8975, 54.9908, 92.3050



66.2115, 54.9908, 68.2784



48.3685, 54.9908, 30.6620

Complementary

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



43.8975, 54.9908, 92.3050



46.4500, 35.1621, 15.4070

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.



55.1242, 54.9908, 30.0797



43.8975, 54.9908, 92.3050



65.8379, 54.9908, 49.1355

Square

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



43.8975, 54.9908, 92.3050



62.6184, 54.9908, 89.0066



61.6382, 54.9908, 36.1000



43.1245, 54.9908, 37.9150

Rectangle

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



43.8975, 54.9908, 92.3050



54.0483, 54.9908, 105.5447



61.6382, 54.9908, 36.1000



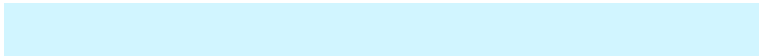
50.5255, 54.9908, 29.7473

Sweetspot

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



43.8993, 54.9928, 92.3063



77.0070, 86.0583, 107.1600



40.4498, 67.5413, 31.2029



15.9386, 17.9839, 22.8811



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.



43.8993, 54.9928, 92.3063



44.9172, 57.0532, 103.2527



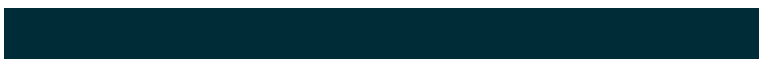
29.8507, 26.8956, 87.6235



15.9363, 17.3068, 20.2222



18.4863, 23.1969, 48.6310



1.6097, 2.0733, 4.0696

Inverse Universe

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



52.4352, 31.8980, 64.3681



55.7536, 30.7115, 67.1174



59.5321, 61.3261, 19.7677



16.2973, 15.9686, 19.1218



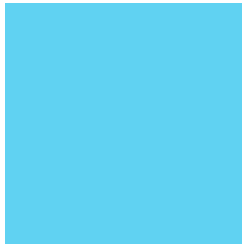
24.6567, 12.1351, 27.1723



2.0874, 1.0240, 2.4513

Previews

White Background



This preview shows how the XYZ color 43.8975, 54.9908, 92.3050 looks on a white background.

Color Contrast Check

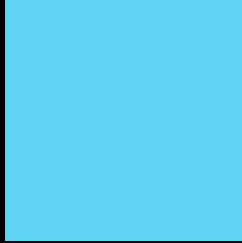
Large Text (above 18pt) WCAG AA × Fail

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 43.8975, 54.9908, 92.3050 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 43.8975, 54.9908, 92.3050

Background



This preview shows how black text looks on a background with the XYZ color 43.8975, 54.9908, 92.3050.



This preview shows how white text looks on a background with the XYZ color 43.8975, 54.9908,

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

43.8975, 54.9908, 92.3050

Protanopia

53.8464, 54.4179, 82.5286

Deuteranopia

55.5151, 54.3545, 94.7543



Tritanopia

41.9028, 54.9178, 82.5204

Trichromacy



Original Color

43.8975, 54.9908, 92.3050

Protanomaly

48.6011, 53.6574, 85.6373

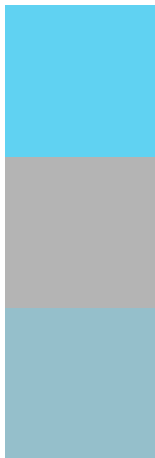
Deuteranomaly

49.8124, 53.7530, 94.1362

Tritanomaly

42.5592, 54.8044, 86.1771

Monochromacy



Original Color

43.8975, 54.9908, 92.3050

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

41.8047, 47.9630, 63.5543

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.8975, 54.9908, 92.3050 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(96, 210, 242)` looks like.

```
.text, #text, p{  
    color:rgb(96, 210, 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(96, 210, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 210, 242) }
```

Border

The CSS property to change the border of an element to XYZ 43.8975, 54.9908, 92.3050 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(96, 210, 242) }
```


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

```
.border{ border-color:rgb(96, 210, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 210, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 210, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 210, 242);  
box-shadow:4px 4px 4px 4px rgb(96, 210,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 43.8975, 54.9908, 92.3050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 210, 242) }
```

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

```
.background{ background-color: rgb(96, 210,  
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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