

Converting Colors

XYZ(43.0262, 53.2374, 98.7509)

Have a look what the booklet for
XYZ(43.0262, 53.2374, 98.7509)
contains.

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Color

**XYZ(43.0478, 53.3216,
98.4657)**

Conversions

Conversions Part 1

Format	Color
Hex	52CFFA
RGB	82, 207, 250
RGB Percent	32%, 81%, 98%
CMY	0.6784, 0.1882, 0.0196
CMYK	0.67, 0.17, 0.00, 0.02
HSL	195°, 94%, 65%
HSV	195°, 67%, 98%
XYZ	43.0478, 53.3216, 98.4657
YIQ	174.5270, -88.3030, -13.1270

Conversions

Conversions Part 2

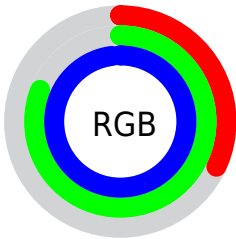
Format	Color
R_{YB}	82, 154, 250
Decimal	5427194
CIE _{Lab}	78.06, -21.47, -31.23
CIE _{LCh}	78, 37.896, 235.488
Yxy	53.3216, 0.2209, 0.2737
Android (android.graphics.Color)	4283617274 (0xFF52CFFA)
YUV	174.5270, 37.2082, -81.1462
Hunter-Lab	73.0216, -22.5583, -28.8342

Details

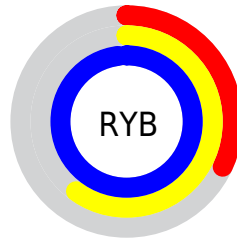
The XYZ color **43.0478, 53.3216, 98.4657** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted cyan. A complement of this color would be **48.2828, 35.6029, 12.3119**, and the grayscale version is **40.3523, 42.4537, 46.2321**.

A 20% lighter version of the original color is **66.0227, 85.0359, 107.5415**, and **21.0169, 26.6327, 54.4850** is the 20% darker color. If you saturate the color by 10%, you get **39.7378, 49.3612, 97.8767**, and if you desaturate by 10%, it is **47.2156, 57.8195, 99.1152**.

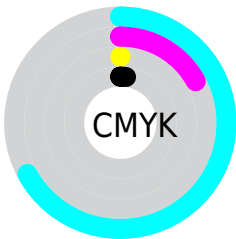
Distribution



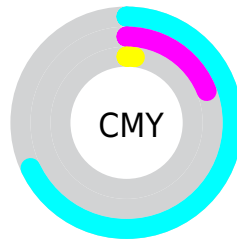
- Red (32%)
- Green (81%)
- Blue (98%)



- Red (32%)
- Yellow (60%)
- Blue (98%)



- Cyan (67%)
- Magenta (17%)
- Yellow (0%)
- Black (2%)



- Cyan (68%)
- Magenta (19%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.0478, 53.3216, 98.4657 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 43.0478, 53.3216, 98.4657 by changing the saturation by 10% instead.

43.0478, 53.3216,
98.4657

43.0478, 53.3216,
98.4657

349.7265,
399.5178, 576.4669

30.1173, 38.0596,
74.4101

79.0382, 95.0774,
161.0805

20.0762, 26.0289,
54.6309

102.8289,
122.3400, 200.4768

12.5590, 16.8453,
38.7097

130.9703,
154.3716, 245.8238

7.2005, 10.1242,
26.2279

163.8279,
191.5565, 297.5399

3.6352, 5.4814,
16.7669

201.7669,
234.2792, 356.0437

1.4979, 2.5324,
9.9082

245.1528,

0.3244, 0.8928,

282.9240, 421.7538

5.2333

294.3509,
337.8754, 495.0887

■ 0.0000, 0.0000,
2.3237

■ 0.0000, 0.0000,
0.7444

■ 43.0478, 53.3216,
98.4657

■ 43.0478, 53.3216,
98.4657

■ 39.7378, 49.3612,
97.8767

■ 47.2156, 57.8195,
99.1152

■ 37.1889, 45.8843,
97.3400

■ 52.3138, 62.8904,
99.8253

■ 35.2851, 42.8311,
96.8510

■ 58.4129, 68.5727,
100.6007

■ 34.8169, 42.0250,
96.7201

■ 65.5748, 74.8994,
101.4444

■ 73.8564, 81.9007,
102.3593

■ 83.3102, 89.6048,
103.3480

■ 93.2417, 97.6546,
104.3783

■ 94.2555, 99.6822,
104.7163

Harmonies

Analogous

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



38.9046, 53.3216, 77.3915



43.0478, 53.3216, 98.4657



49.5708, 53.3216, 108.8158

Triad

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



43.0478, 53.3216, 98.4657



66.2084, 53.3216, 61.3193



44.8081, 53.3216, 28.5244

Complementary

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



43.0478, 53.3216, 98.4657



48.2828, 35.6029, 12.3119

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.



51.8068, 53.3216, 26.2027



43.0478, 53.3216, 98.4657



64.6211, 53.3216, 42.2467

Square

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



43.0478, 53.3216, 98.4657



63.3154, 53.3216, 84.3051



59.1661, 53.3216, 30.5648



39.8495, 53.3216, 37.9170

Rectangle

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



43.0478, 53.3216, 98.4657



54.5708, 53.3216, 106.7739



59.1661, 53.3216, 30.5648



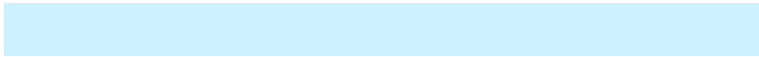
46.9798, 53.3216, 27.0061

Sweetspot

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



43.0496, 53.3235, 98.4670



74.6880, 83.5296, 106.7941



41.3051, 71.6217, 30.7187



15.4591, 17.4344, 22.8003



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.



43.0496, 53.3235, 98.4670



40.4418, 50.1625, 102.1586



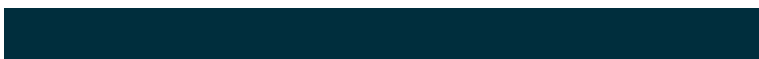
27.9447, 23.1138, 93.4320



17.3677, 18.8123, 22.1010



18.5896, 22.5347, 51.3434



1.8067, 2.2570, 4.7836

Inverse Universe

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



53.7057, 30.8655, 62.1603



52.9918, 27.6814, 58.5093



63.5049, 66.0470, 17.3859



17.7921, 17.4442, 20.7612



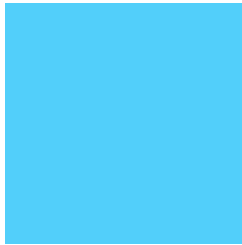
25.6752, 12.6858, 26.0617



2.4208, 1.1921, 2.6395

Previews

White Background



This preview shows how the XYZ color 43.0478, 53.3216, 98.4657 looks on a white background.

Color Contrast Check

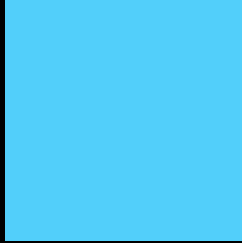
Large Text (above 18pt) WCAG AA × Fail

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 43.0478, 53.3216, 98.4657 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

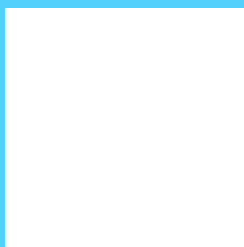
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.0478, 53.3216, 98.4657

Background



This preview shows how black text looks on a background with the XYZ color 43.0478, 53.3216, 98.4657.



This preview shows how white text looks on a background with the XYZ color 43.0478, 53.3216,

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

43.0478, 53.3216, 98.4657

Protanopia

52.6685, 52.7033, 88.2857

Deuteranopia

53.9915, 52.7811, 101.1080



Tritanopia

39.7521, 53.4552, 81.6215

Trichromacy



Original Color

43.0478, 53.3216, 98.4657

Protanomaly

47.2685, 51.8200, 91.5153

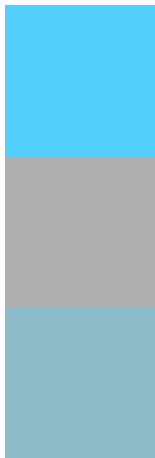
Deuteranomaly

48.6249, 52.3225, 100.4650

Tritanomaly

41.0110, 53.6052, 87.5422

Monochromacy



Original Color

43.0478, 53.3216, 98.4657

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

39.4155, 45.4676, 62.5758

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.0478, 53.3216, 98.4657 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(82, 207, 250)` looks like.

```
.text, #text, p{  
    color:rgb(82, 207, 250)  
}
```

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(82, 207, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 207, 250) }
```

Border

The CSS property to change the border of an element to XYZ 43.0478, 53.3216, 98.4657 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(82, 207, 250) }
```


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

```
.border{ border-color:rgb(82, 207, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 207, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 207, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 207, 250);  
box-shadow:4px 4px 4px 4px rgb(82, 207,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 43.0478, 53.3216, 98.4657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 207, 250) }
```

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

```
.background{ background-color: rgb(82, 207,  
250) }
```

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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