

Converting Colors

XYZ(45.2659, 54.4046,
110.7476)

Have a look what the booklet for
XYZ(45.2659, 54.4046, 110.7476)
contains.

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Color

**XYZ(43.8303, 53.9940,
102.7195)**

Conversions

Conversions Part 1

Format	Color
Hex	4FD0FF
RGB	79, 208, 255
RGB Percent	31%, 82%, 100%
CMY	0.6902, 0.1843, 0.0000
CMYK	0.69, 0.18, 0.00, 0.00
HSL	196°, 100%, 65%
HSV	196°, 69%, 100%
XYZ	43.8303, 53.9940, 102.7195
YIQ	174.7870, -91.9710, -12.7310

Conversions

Conversions Part 2

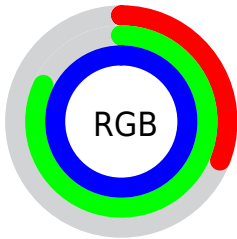
Format	Color
RYB	79, 153, 255
Decimal	5230847
CIELab	78.46, -20.86, -33.29
CIELCh	78, 39.287, 237.936
Yxy	53.9940, 0.2186, 0.2692
Android (android.graphics.Color)	4283420927 (0xFF4FD0FF)
YUV	174.7870, 39.5450, -84.0052
Hunter-Lab	73.4806, -22.1180, -31.4458

Details

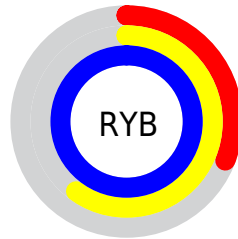
The XYZ color **43.8303, 53.9940, 102.7195** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed cyan. A complement of this color would be **50.1136, 36.7485, 11.8511**, and the grayscale version is **40.4759, 42.5838, 46.3738**.

A 20% lighter version of the original color is **65.8426, 84.9430, 107.5331**, and **21.7486, 27.1884, 57.5277** is the 20% darker color. If you saturate the color by 10%, you get **40.4769, 49.8542, 102.0972**, and if you desaturate by 10%, it is **48.0711, 58.6992, 103.4042**.

Distribution



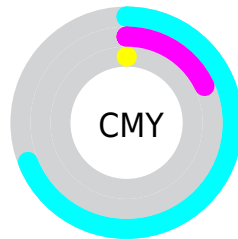
- Red (31%)
- Green (82%)
- Blue (100%)



- Red (31%)
- Yellow (60%)
- Blue (100%)



- Cyan (69%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (69%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.8303, 53.9940, 102.7195 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 43.8303, 53.9940, 102.7195 by changing the saturation by 10% instead.

43.8303, 53.9940,
102.7195

43.8303, 53.9940,
102.7195

352.8792,
402.0871, 590.1979

30.7345, 38.5969,
77.9441

80.2103, 96.0654,
166.9738

20.5476, 26.4463,
57.5119

104.2251,
123.5085, 207.2898

12.9043, 17.1578,
41.0043

132.6103,
155.7357, 253.6231

7.4392, 10.3471,
28.0027

165.7312,
193.1314, 306.3922

3.7870, 5.6297,
18.0886

203.9532,
236.0800, 366.0157

1.5824, 2.6212,
10.8435

247.6416,

0.3809, 0.9373,

284.9659, 432.9121

5.8489

297.1619,
340.1735, 507.5000

■ 0.0000, 0.0000,
2.6861

■ 0.0000, 0.0000,
0.9364

■ 43.8303, 53.9940,
102.7195

■ 43.8303, 53.9940,
102.7195

■ 40.4769, 49.8542,
102.0972

■ 48.0711, 58.6992,
103.4042

■ 37.9064, 46.2215,
101.5315

■ 53.2786, 64.0088,
104.1546

■ 35.9737, 43.0208,
101.0156

■ 59.5282, 69.9639,
104.9747

■ 35.7998, 42.7196,
100.9666

■ 66.8861, 76.6001,
105.8678

■ 75.4131, 83.9498,
106.8370

■ 85.1650, 92.0430,
107.8851

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



39.2820, 53.9940, 81.0600



43.8303, 53.9940, 102.7195



50.7865, 53.9940, 112.3825

Triad

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



43.8303, 53.9940, 102.7195



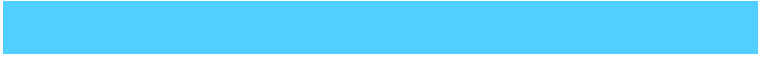
67.6435, 53.9940, 60.3359



44.6698, 53.9940, 28.6438

Complementary

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



43.8303, 53.9940, 102.7195



50.1136, 36.7485, 11.8511

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.



51.8566, 53.9940, 25.6983



43.8303, 53.9940, 102.7195



65.5950, 53.9940, 41.0258

Square

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



43.8303, 53.9940, 102.7195



64.9669, 53.9940, 84.3924



59.6170, 53.9940, 29.6031



39.7314, 53.9940, 38.9730

Rectangle

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



43.8303, 53.9940, 102.7195



56.0319, 53.9940, 109.2694



59.6170, 53.9940, 29.6031



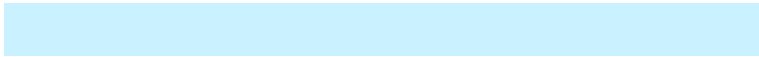
46.8793, 53.9940, 26.8913

Sweetspot

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



43.8319, 53.9959, 102.7198



73.6250, 82.4329, 106.6384



42.7475, 74.6876, 31.8820



15.2433, 17.2027, 22.7670



0.0000, 0.0000, 0.0000



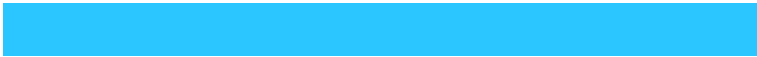
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



43.8319, 53.9959, 102.7198



39.3649, 48.3490, 101.8653



28.0009, 22.3337, 97.4428



18.1204, 19.6125, 23.0805



18.8355, 22.5807, 52.8004



1.9239, 2.3785, 5.1710

Inverse Universe

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



55.4223, 31.4077, 62.8175



52.3651, 27.1127, 56.1900



66.6820, 69.8854, 17.3739



18.5734, 18.2127, 21.6368



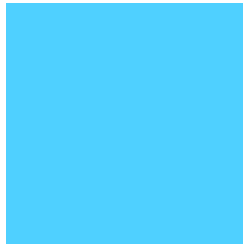
26.2955, 13.0075, 26.0044



2.6057, 1.2847, 2.7710

Previews

White Background



This preview shows how the XYZ color 43.8303, 53.9940, 102.7195 looks on a white background.

Color Contrast Check

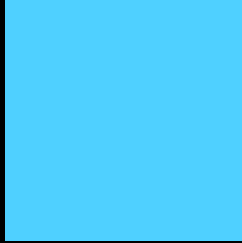
Large Text (above 18pt) WCAG AA × Fail

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 43.8303, 53.9940, 102.7195 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

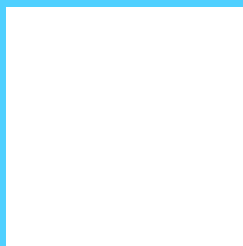
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.8303, 53.9940, 102.7195

Background



This preview shows how black text looks on a background with the XYZ color 43.8303, 53.9940, 102.7195.

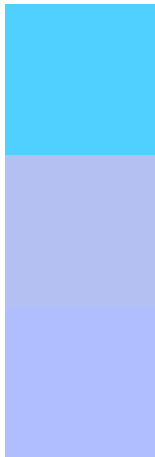


This preview shows how white text looks on a background with the XYZ color 43.8303, 53.9940,

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

43.8303, 53.9940, 102.7195

Protanopia

53.4802, 53.3757, 91.4882

Deuteranopia

54.3680, 53.2770, 102.0257



Tritanopia

39.8763, 53.8569, 83.1566

Trichromacy



Original Color

43.8303, 53.9940, 102.7195

Protanomaly

48.0824, 52.4875, 95.5926

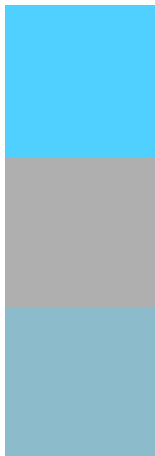
Deuteranomaly

49.0008, 52.8152, 102.2195

Tritanomaly

41.3285, 54.0857, 89.9227

Monochromacy



Original Color

43.8303, 53.9940, 102.7195

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

39.4846, 45.4757, 63.8234

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.8303, 53.9940, 102.7195 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(79, 208, 255)` looks like.

```
.text, #text, p{  
    color:rgb(79, 208, 255)  
}
```

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(79, 208, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 208, 255) }
```

Border

The CSS property to change the border of an element to XYZ 43.8303, 53.9940, 102.7195 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(79, 208, 255) }
```


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

```
.border{ border-color:rgb(79, 208, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 208, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 208, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 208, 255);  
box-shadow:4px 4px 4px 4px rgb(79, 208,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 43.8303, 53.9940, 102.7195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 208, 255) }
```

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

```
.background{ background-color: rgb(79, 208,  
255) }
```

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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