

Converting Colors

XYZ(43.0742, 52.4726, 99.9532)

Have a look what the booklet for
XYZ(43.0742, 52.4726, 99.9532)
contains.

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Color

**XYZ(43.1483, 52.6222,
99.9784)**

Conversions

Conversions Part 1

Format	Color
Hex	55CDFC
RGB	85, 205, 252
RGB Percent	33%, 80%, 99%
CMY	0.6666, 0.1961, 0.0118
CMYK	0.66, 0.19, 0.00, 0.01
HSL	197°, 97%, 66%
HSV	197°, 66%, 99%
XYZ	43.1483, 52.6222, 99.9784
YIQ	174.4780, -86.6070, -10.8230

Conversions

Conversions Part 2

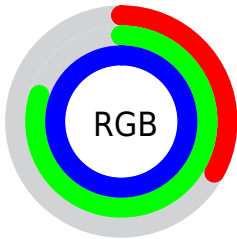
Format	Color
RYB	85, 155, 252
Decimal	5623292
CIELab	77.65, -19.39, -32.92
CIELCh	78, 38.211, 239.502
Yxy	52.6222, 0.2204, 0.2688
Android (android.graphics.Color)	4283813372 (0xFF55CDFC)
YUV	174.4780, 38.2183, -78.4722
Hunter-Lab	72.5412, -20.7732, -30.9364

Details

The XYZ color **43.1483, 52.6222, 99.9784** 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 **50.0378, 37.8564, 13.2661**, and the grayscale version is **40.3214, 42.4212, 46.1967**.

A 20% lighter version of the original color is **66.3877, 85.2240, 107.5586**, and **20.9169, 26.0733, 55.5600** is the 20% darker color. If you saturate the color by 10%, you get **39.5965, 48.3303, 99.3382**, and if you desaturate by 10%, it is **47.5947, 57.4914, 100.6849**.

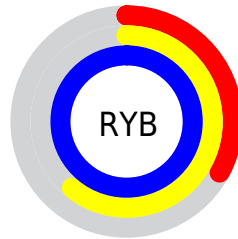
Distribution



Red (33%)

Green (80%)

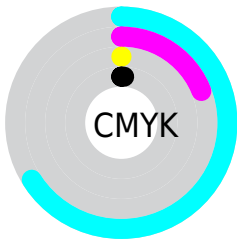
Blue (99%)



Red (33%)

Yellow (61%)

Blue (99%)

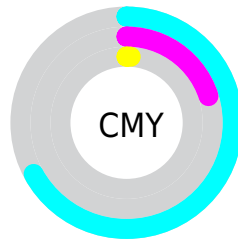


Cyan (66%)

Magenta (19%)

Yellow (0%)

Black (1%)



Cyan (67%)


Magenta (20%)


Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.1483, 52.6222, 99.9784 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 43.1483, 52.6222, 99.9784 by changing the saturation by 10% instead.


 43.1483, 52.6222,
99.9784


 43.1483, 52.6222,
99.9784


350.1325,
396.8340, 581.3695


 30.1965, 37.5013,
75.6657


 79.1889, 94.0482,
163.1791


 20.1366, 25.5958,
55.6534


 103.0085,
121.1221, 202.9042

 12.6032, 16.5215,
39.5230

 131.1813,
152.9490, 248.6039

 7.2310, 9.8939,
26.8559

 164.0728,
189.9134, 300.6967

 3.6546, 5.3287,
17.2335

202.0483,
232.3998, 359.6011

 1.5086, 2.4414,
10.2374

245.4732,

 0.3317, 0.8471,

280.7924, 425.7356

5.4490

294.7128,
335.4756, 499.5189

■ 0.0000, 0.0000,
2.4497

■ 0.0000, 0.0000,
0.8133

■ 43.1483, 52.6222,
99.9784

■ 43.1483, 52.6222,
99.9784

■ 39.5965, 48.3303,
99.3382

■ 47.5947, 57.4914,
100.6849

■ 36.8420, 44.5612,
98.7559

■ 53.0091, 62.9743,
101.4578

■ 34.7722, 41.2562,
98.2270

■ 59.4629, 69.1100,
102.3020

■ 34.1105, 40.1076,
98.0402

■ 67.0189, 75.9325,
103.2206

■ 75.7349, 83.4729,
104.2167

■ 85.6642, 91.7600,
105.2929

■ 94.4591, 99.5849,
106.3397

■ 94.5709, 99.8084,
106.3770

Harmonies

Analogous

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



38.6446, 52.6222, 79.7534



43.1483, 52.6222, 99.9784



49.8925, 52.6222, 108.3567

Triad

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



43.1483, 52.6222, 99.9784



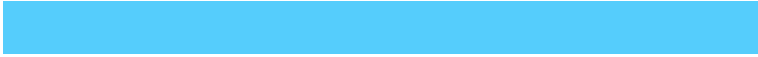
65.6053, 52.6222, 57.6509



43.3423, 52.6222, 28.6849

Complementary

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



43.1483, 52.6222, 99.9784



50.0378, 37.8564, 13.2661

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.



50.1394, 52.6222, 25.4872



43.1483, 52.6222, 99.9784



63.4238, 52.6222, 39.5088

Square

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



43.1483, 52.6222, 99.9784



63.2793, 52.6222, 80.5191



57.5759, 52.6222, 28.9083



38.7487, 52.6222, 39.0328

Rectangle

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



43.1483, 52.6222, 99.9784



54.9089, 52.6222, 104.8293



57.5759, 52.6222, 28.9083



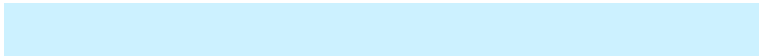
45.4225, 52.6222, 26.8705

Sweetspot

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



43.1501, 52.6241, 99.9797



74.3026, 82.7589, 106.6656



42.5565, 73.1527, 32.8348



15.3660, 17.2483, 22.7693



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.



43.1501, 52.6241, 99.9797



39.5148, 48.1229, 101.8137



28.5225, 23.3690, 95.1038



17.3288, 18.7344, 22.0881



17.8996, 21.1547, 51.1134



1.7475, 2.1386, 4.7639

Inverse Universe

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



54.4144, 31.6021, 60.9912



52.5692, 27.6858, 55.7492



65.5888, 68.9586, 18.4498



17.7725, 17.4364, 20.6577



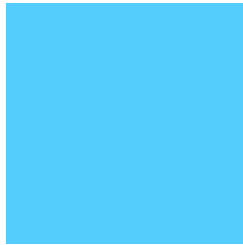
25.3269, 12.5465, 24.2276



2.3910, 1.1801, 2.4823

Previews

White Background



This preview shows how the XYZ color 43.1483, 52.6222, 99.9784 looks on a white background.

Color Contrast Check

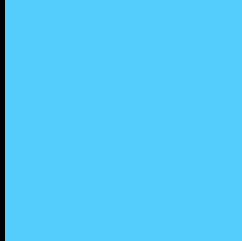
Large Text (above 18pt) WCAG AA × Fail

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 43.1483, 52.6222, 99.9784 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

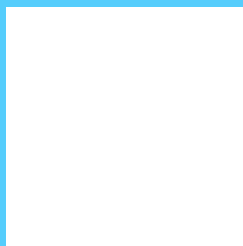
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.1483, 52.6222, 99.9784

Background



This preview shows how black text looks on a background with the XYZ color 43.1483, 52.6222, 99.9784.



This preview shows how white text looks on a background with the XYZ color 43.1483, 52.6222,

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

43.1483, 52.6222, 99.9784

Protanopia

52.2859, 52.1514, 89.7485

Deuteranopia

53.2668, 52.0707, 101.8509



Tritanopia

39.1265, 52.4315, 80.0096

Trichromacy



Original Color

43.1483, 52.6222, 99.9784

Protanomaly

47.3458, 51.4912, 93.0313

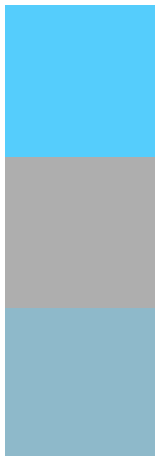
Deuteranomaly

48.1657, 51.4021, 101.1489

Tritanomaly

40.5318, 52.6464, 86.6228

Monochromacy



Original Color

43.1483, 52.6222, 99.9784

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

39.1650, 44.7130, 62.4434

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.1483, 52.6222, 99.9784 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(85, 205, 252)` looks like.

```
.text, #text, p{  
    color:rgb(85, 205, 252)  
}
```

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(85, 205, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 205, 252) }
```

Border

The CSS property to change the border of an element to XYZ 43.1483, 52.6222, 99.9784 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(85, 205, 252) }
```


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

```
.border{ border-color:rgb(85, 205, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 205, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 205, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 205, 252);  
box-shadow:4px 4px 4px 4px rgb(85, 205,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 43.1483, 52.6222, 99.9784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 205, 252) }
```

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

```
.background{ background-color: rgb(85, 205,  
252) }
```

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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