

Converting Colors

XYZ(55.6818, 53.9043, 99.5662)

Have a look what the booklet for
XYZ(55.6818, 53.9043, 99.5662)
contains.

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Color

**XYZ(55.7513, 54.0455,
99.5889)**

Conversions

Conversions Part 1

Format	Color
Hex	B8BEFC
RGB	184, 190, 252
RGB Percent	72%, 75%, 99%
CMY	0.2784, 0.2549, 0.0118
CMYK	0.27, 0.25, 0.00, 0.01
HSL	235°, 92%, 85%
HSV	235°, 27%, 99%
XYZ	55.7513, 54.0455, 99.5889
YIQ	195.2740, -23.4780, 18.0100

Conversions

Conversions Part 2

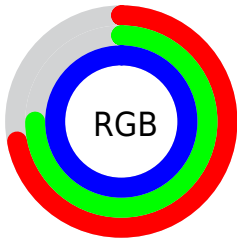
Format	Color
RYB	184, 190, 252
Decimal	12107516
CIELab	78.49, 11.27, -31.23
CIELCh	78, 33.199, 289.841
Yxy	54.0455, 0.2663, 0.2581
Android (android.graphics.Color)	4290297596 (0xFFB8BEFC)
YUV	195.2740, 27.9659, -9.8873
Hunter-Lab	73.5156, 6.7148, -28.8570

Details

The XYZ color **55.7513, 54.0455, 99.5889** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **81.7533, 90.0684, 58.4253**, and the grayscale version is **51.8850, 54.5871, 59.4453**.

A 20% lighter version of the original color is **87.2814, 91.8323, 107.7329**, and **27.8492, 26.4986, 55.2767** is the 20% darker color. If you saturate the color by 10%, you get **45.6537, 42.0267, 97.8022**, and if you desaturate by 10%, it is **67.7122, 68.1918, 101.6899**.

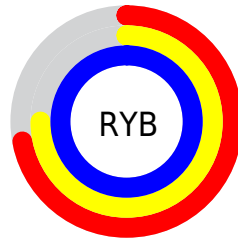
Distribution



Red (72%)

Green (75%)

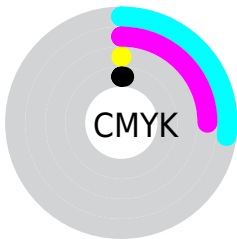
Blue (99%)



Red (72%)

Yellow (75%)

Blue (99%)

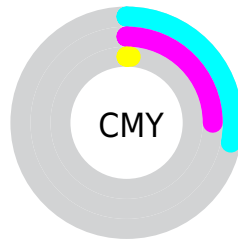


Cyan (27%)

Magenta (25%)

Yellow (0%)

Black (1%)



Cyan (28%)

Magenta (25%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.7513, 54.0455, 99.5889 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 55.7513, 54.0455, 99.5889 by changing the saturation by 10% instead.

■ 55.7513, 54.0455,
99.5889

■ 55.7513, 54.0455,
99.5889

398.8438,
402.2835, 580.1093

■ 40.2398, 38.6380,
75.3423

■ 97.7828, 96.1410,
162.6391

■ 27.9106, 26.4783,
55.3899

125.0334,
123.5979, 202.2797

■ 18.3984, 17.1818,
39.3133

156.9279,
155.8401, 247.8888

■ 11.3378, 10.3642,
26.6938

193.8314,
193.2519, 299.8848

■ 6.3635, 5.6411,
17.1130

236.1094,
236.2177, 358.6863

■ 3.1101, 2.6281,
10.1523

284.1273,

■ 1.2122, 0.9408,

285.1220, 424.7119

5.3931

338.2503,
340.3491, 498.3800

■ 0.1160, 0.0000,
2.4170

■ 0.0000, 0.0000,
0.7957

■ 55.7513, 54.0455,
99.5889

■ 55.7513, 54.0455,
99.5889

■ 45.6537, 42.0267,
97.8022

■ 67.7122, 68.1918,
101.6899

■ 37.3202, 32.0261,
96.3111

■ 81.6181, 84.5549,
104.1154

■ 30.6508, 23.9348,
95.1008

94.5709, 99.8083,
106.3769

■ 25.5330, 17.6304,
94.1537

■ 21.8403, 12.9767,
93.4501

■ 19.4263, 9.8175,
92.9675

■ 18.1096, 7.9645,
92.6792

■ 17.8624, 7.6113,
92.6241

Harmonies

Analogous

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



49.1846, 54.0455, 101.8374



55.7513, 54.0455, 99.5889



61.5797, 54.0455, 85.2311

Triad

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



55.7513, 54.0455, 99.5889



59.9034, 54.0455, 35.4110



39.9692, 54.0455, 52.7260

Complementary

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



55.7513, 54.0455, 99.5889



81.7533, 90.0684, 58.4253

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.



42.3537, 54.0455, 38.5603



55.7513, 54.0455, 99.5889



53.6164, 54.0455, 30.0624

Square

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



55.7513, 54.0455, 99.5889



64.1141, 54.0455, 47.4608



47.2219, 54.0455, 31.0779



40.4352, 54.0455, 71.9211

Rectangle

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



55.7513, 54.0455, 99.5889



64.0864, 54.0455, 72.1362



47.2219, 54.0455, 31.0779



40.4556, 54.0455, 47.2981

Sweetspot

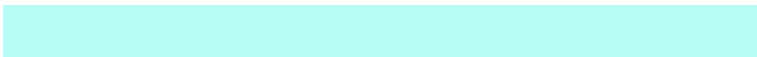
The Sweet Spot groups the original color and five complimentary colors.



55.7531, 54.0476, 99.5901



82.2898, 85.0358, 106.6842



71.0909, 86.4171, 99.4807



17.1318, 17.6353, 22.7510



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.



55.7531, 54.0476, 99.5901



51.8150, 49.0356, 101.3416



61.6340, 55.1895, 99.5006



16.4061, 16.8891, 21.7805



9.3479, 4.0513, 48.2628



0.9063, 0.4563, 4.4835

Inverse Universe

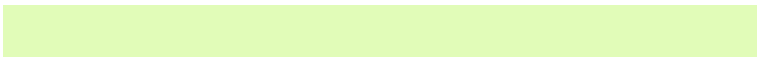
The Inverse Universe completely reimagines the original color for something new.



66.5811, 58.6959, 56.5376



64.5600, 54.6206, 50.6418



74.4525, 89.0581, 58.6150



17.3068, 17.2501, 18.2053



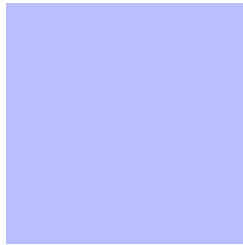
21.0104, 10.8199, 1.4972



1.9664, 1.0103, 0.2465

Previews

White Background



This preview shows how the XYZ color 55.7513, 54.0455, 99.5889 looks on a white background.

Color Contrast Check

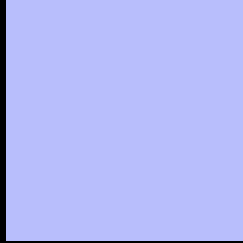
Large Text (above 18pt) WCAG AA × Fail

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 55.7513, 54.0455, 99.5889 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 55.7513, 54.0455, 99.5889

Background



This preview shows how black text looks on a background with the XYZ color 55.7513, 54.0455, 99.5889.



This preview shows how white text looks on a background with the XYZ color 55.7513, 54.0455,

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

55.7513, 54.0455, 99.5889

Protanopia

54.9394, 54.2561, 100.5054

Deuteranopia

55.4929, 54.2350, 99.6391



Tritanopia

49.8810, 53.9667, 70.7384

Trichromacy



Original Color

55.7513, 54.0455, 99.5889

Protanomaly

55.1828, 54.0568, 100.4541

Deuteranomaly

55.7299, 54.3572, 99.6502

Tritanomaly

51.7473, 53.7133, 80.3134

Monochromacy



Original Color

55.7513, 54.0455, 99.5889

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

52.9505, 54.1742, 72.6316

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.7513, 54.0455, 99.5889 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(184, 190, 252)` looks like.

```
.text, #text, p{  
    color:rgb(184, 190, 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(184, 190, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 190, 252) }
```

Border

The CSS property to change the border of an element to XYZ 55.7513, 54.0455, 99.5889 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(184, 190, 252) }
```


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

```
.border{ border-color:rgb(184, 190, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 190, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 190, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 190, 252);  
box-shadow:4px 4px 4px 4px rgb(184, 190,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 55.7513, 54.0455, 99.5889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 190, 252) }
```

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

```
.background{ background-color: rgb(184,  
190, 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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