

Converting Colors

XYZ(54.1964, 53.2120, 82.7929)

Have a look what the booklet for
XYZ(54.1964, 53.2120, 82.7929)
contains.

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Color

**XYZ(54.3596, 53.3712,
83.0379)**

Conversions

Conversions Part 1

Format	Color
Hex	C0BDE7
RGB	192, 189, 231
RGB Percent	75%, 74%, 91%
CMY	0.2471, 0.2588, 0.0941
CMYK	0.17, 0.18, 0.00, 0.09
HSL	244°, 47%, 82%
HSV	244°, 18%, 91%
XYZ	54.3596, 53.3712, 83.0379
YIQ	194.6850, -11.6940, 13.6980

Conversions

Conversions Part 2

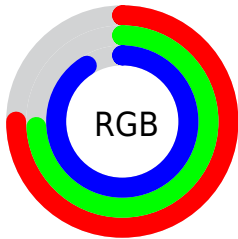
Format	Color
RYB	192, 189, 231
Decimal	12631527
CIELab	78.09, 9.46, -20.50
CIELCh	78, 22.573, 294.768
Yxy	53.3712, 0.2850, 0.2798
Android (android.graphics.Color)	4290821607 (0xFFC0BDE7)
YUV	194.6850, 17.9033, -2.3547
Hunter-Lab	73.0556, 4.9719, -16.2525

Details

The XYZ color **54.3596, 53.3712, 83.0379** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **69.7580, 77.3213, 59.3945**, and the grayscale version is **51.5877, 54.2742, 59.1047**.

A 20% lighter version of the original color is **89.7693, 92.6646, 107.7624**, and **27.0233, 26.1067, 44.1723** is the 20% darker color. If you saturate the color by 10%, you get **44.7397, 41.6148, 81.2766**, and if you desaturate by 10%, it is **65.5658, 67.1228, 85.1025**.

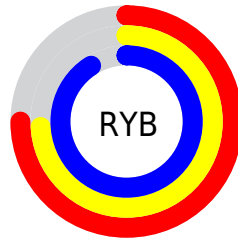
Distribution



Red (75%)

Green (74%)

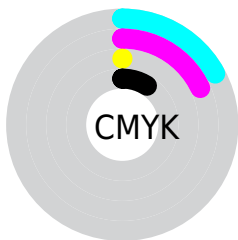
Blue (91%)



Red (75%)

Yellow (74%)

Blue (91%)

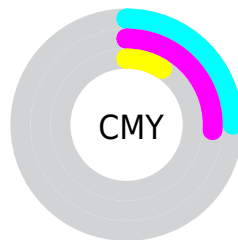


Cyan (17%)

Magenta (18%)

Yellow (0%)

Black (9%)



Cyan (25%)

Magenta (26%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.3596, 53.3712, 83.0379 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 54.3596, 53.3712, 83.0379 by changing the saturation by 10% instead.

■ 54.3596, 53.3712,
83.0379

■ 54.3596, 53.3712,
83.0379

393.6558,
399.7076, 525.0871

■ 39.1210, 38.0992,
61.6806

■ 95.7558, 95.1504,
139.4782

■ 27.0351, 26.0597,
44.3406

122.6442,
122.4263, 175.3984

■ 17.7363, 16.8683,
30.5992

154.1466,
154.4723, 217.0099

■ 10.8594, 10.1406,
20.0379

190.6283,
191.6728, 264.7314

■ 6.0389, 5.4923,
12.2383

232.4548,
234.4122, 318.9813

■ 2.9097, 2.5389,
6.7817

279.9912,

■ 1.1062, 0.8961,

283.0749, 380.1782

3.2496

333.6031,
338.0452, 448.7406

■ 0.0303, 0.0000,
1.2234

■ 0.0000, 0.0000,
0.0000

■ 54.3596, 53.3712,
83.0379

■ 54.3596, 53.3712,
83.0379

■ 44.7397, 41.6148,
81.2766

■ 65.5658, 67.1228,
85.1025

■ 36.6297, 31.7547,
79.8008

■ 78.4203, 82.9494,
87.4798

■ 29.9542, 23.6934,
78.5967

■ 91.4240, 98.5496,
89.8056

■ 24.6295, 17.3222,
77.6476

■ 20.5630, 12.5206,
76.9351

■ 17.6507, 9.1520,
76.4384

■ 15.7714, 7.0564,
76.1329

■ 14.7661, 6.0137,
75.9846

■ 14.6461, 5.8841,
75.9660

Harmonies

Analogous

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



49.9593, 53.3712, 85.7701



54.3596, 53.3712, 83.0379



57.9655, 53.3712, 73.2590

Triad

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



54.3596, 53.3712, 83.0379



55.7724, 53.3712, 40.4648



42.7519, 53.3712, 55.9283

Complementary

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



54.3596, 53.3712, 83.0379



69.7580, 77.3213, 59.3945

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.



44.1190, 53.3712, 45.2118



54.3596, 53.3712, 83.0379



51.5040, 53.3712, 37.1485

Square

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



54.3596, 53.3712, 83.0379



58.8137, 53.3712, 48.5304



47.2613, 53.3712, 38.7519



43.4191, 53.3712, 68.8787

Rectangle

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



54.3596, 53.3712, 83.0379



59.3468, 53.3712, 64.7209



47.2613, 53.3712, 38.7519



42.9863, 53.3712, 51.9694

Sweetspot

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



54.3613, 53.3734, 83.0391



86.8940, 89.9564, 107.3913



63.2101, 72.1866, 86.2040



18.3627, 18.9637, 22.9425



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.



54.3613, 53.3734, 83.0391



63.0530, 60.7039, 103.0015



60.0058, 56.2833, 83.3033



13.6776, 13.9360, 18.1134



8.2484, 3.3181, 42.5889



0.6431, 0.2625, 3.1487

Inverse Universe

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



65.1580, 58.9878, 81.3528



79.0523, 69.0256, 100.4199



63.5509, 74.1214, 59.1040



14.9484, 14.5965, 17.9285



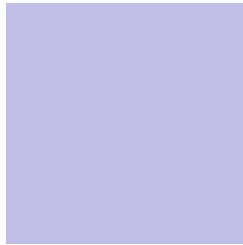
25.3358, 12.2686, 36.9931



1.8856, 0.9120, 2.8042

Previews

White Background



This preview shows how the XYZ color 54.3596, 53.3712, 83.0379 looks on a white background.

Color Contrast Check

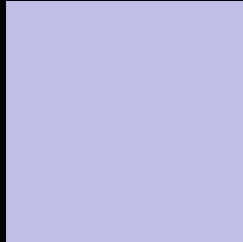
Large Text (above 18pt) WCAG AA × Fail

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 54.3596, 53.3712, 83.0379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

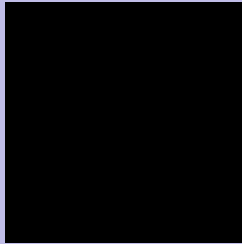
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.3596, 53.3712, 83.0379

Background



This preview shows how black text looks on a background with the XYZ color 54.3596, 53.3712, 83.0379.



This preview shows how white text looks on a background with the XYZ color 54.3596, 53.3712,

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

54.3596, 53.3712, 83.0379

Protanopia

53.1059, 53.3351, 84.5865

Deuteranopia

54.6137, 53.5022, 83.0498



Tritanopia

51.1942, 53.3854, 67.2807

Trichromacy



Original Color

54.3596, 53.3712, 83.0379

Protanomaly

53.4725, 53.2179, 83.7977

Deuteranomaly

54.6137, 53.5022, 83.0498

Tritanomaly

52.2306, 53.4760, 72.5348

Monochromacy



Original Color

54.3596, 53.3712, 83.0379

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

52.7033, 54.1633, 67.3513

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.3596, 53.3712, 83.0379 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(192, 189, 231)` looks like.

```
.text, #text, p{  
    color:rgb(192, 189, 231)  
}
```

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(192, 189, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 189, 231) }
```

Border

The CSS property to change the border of an element to XYZ 54.3596, 53.3712, 83.0379 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(192, 189, 231) }
```


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

```
.border{ border-color:rgb(192, 189, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 189, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(192, 189, 231); -webkit-box-shadow:4px 4px 4px 4px rgb(192, 189, 231); box-shadow:4px 4px 4px 4px rgb(192, 189, 231) }
```

Background

The CSS property to change the background color of an element to XYZ 54.3596, 53.3712, 83.0379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 189, 231) }
```

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

```
.background{ background-color: rgb(192,  
189, 231) }
```

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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