

Converting Colors

XYZ(55.7298, 53.3803, 98.3049)

Have a look what the booklet for
XYZ(55.7298, 53.3803, 98.3049)
contains.

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Color

**XYZ(55.8893, 53.4963,
98.6469)**

Conversions

Conversions Part 1

Format	Color
Hex	BBBCFB
RGB	187, 188, 251
RGB Percent	73%, 74%, 98%
CMY	0.2667, 0.2627, 0.0157
CMYK	0.25, 0.25, 0.00, 0.02
HSL	239°, 89%, 86%
HSV	239°, 25%, 98%
XYZ	55.8893, 53.4963, 98.6469
YIQ	194.8830, -20.8190, 19.3810

Conversions

Conversions Part 2

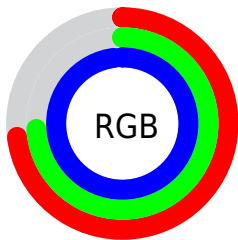
Format	Color
R_{YB}	187, 188, 251
Decimal	12303611
CIE _{Lab}	78.17, 13.00, -31.17
CIE _{LCh}	78, 33.770, 292.636
Yxy	53.4963, 0.2687, 0.2572
Android (android.graphics.Color)	4290493691 (0xFFBBBCFB)
YUV	194.8830, 27.6657, -6.9134
Hunter-Lab	73.1412, 8.4000, -28.7668

Details

The XYZ color **55.8893, 53.4963, 98.6469** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **82.9396, 92.4686, 60.4922**, and the grayscale version is **51.6530, 54.3430, 59.1795**.

A 20% lighter version of the original color is **87.7089, 91.1545, 107.5796**, and **27.9173, 26.1285, 54.6108** is the 20% darker color. If you saturate the color by 10%, you get **45.4432, 40.9361, 96.7740**, and if you desaturate by 10%, it is **68.3156, 68.4209, 100.8736**.

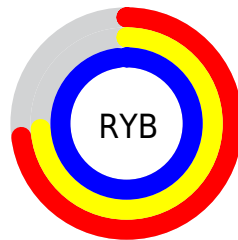
Distribution



Red (73%)

Green (74%)

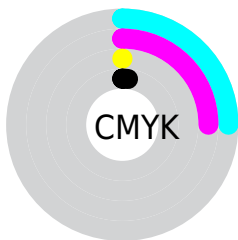
Blue (98%)



Red (73%)

Yellow (74%)

Blue (98%)

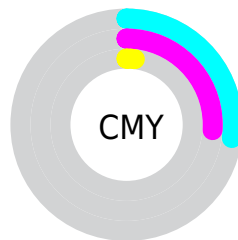


Cyan (25%)

Magenta (25%)

Yellow (0%)

Black (2%)



Cyan (27%)

Magenta (26%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.8893, 53.4963, 98.6469 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 55.8893, 53.4963, 98.6469 by changing the saturation by 10% instead.

■ 55.8893, 53.4963,
98.6469

■ 55.8893, 53.4963,
98.6469

399.3560,
400.1863, 577.0553

■ 40.3508, 38.1991,
74.5604

■ 97.9835, 95.3343,
161.3321

■ 27.9976, 26.1373,
54.7533

125.2698,
122.6438, 200.7679

■ 18.4643, 16.9264,
38.8070

157.2029,
154.7263, 246.1572

■ 11.3855, 10.1820,
26.3029

194.1480,
191.9661, 297.9185

■ 6.3960, 5.5198,
16.8226

236.4705,
234.7476, 356.4705

■ 3.1303, 2.5554,
9.9475

284.5358,

■ 1.2230, 0.9043,

283.4552, 422.2316

5.2590

338.7092,
338.4733, 495.6203

■ 0.1244, 0.0000,
2.3386

■ 0.0000, 0.0000,
0.7527

■ 55.8893, 53.4963,
98.6469

■ 55.8893, 53.4963,
98.6469

■ 45.4432, 40.9361,
96.7740

■ 68.3156, 68.4209,
100.8736

■ 36.8702, 30.6133,
95.2334

■ 82.8113, 85.8159,
103.4672

■ 30.0610, 22.3983,
94.0066

■ 94.4128, 99.7451,
105.5443

■ 24.8931, 16.1460,
93.0722

■ 21.2281, 11.6929,
92.4058

■ 18.9051, 8.8489,
91.9793

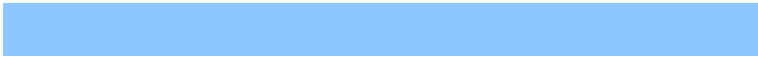
■ 17.7264, 7.3814,
91.7582

■ 17.4554, 7.0503,
91.7085

Harmonies

Analogous

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



49.2374, 53.4963, 102.2420



55.8893, 53.4963, 98.6469



61.6152, 53.4963, 83.2073

Triad

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



55.8893, 53.4963, 98.6469



58.9439, 53.4963, 33.8728



39.2702, 53.4963, 53.7132

Complementary

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



55.8893, 53.4963, 98.6469



82.9396, 92.4686, 60.4922

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.



41.4120, 53.4963, 38.8580



55.8893, 53.4963, 98.6469



52.4906, 53.4963, 29.1262

Square

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



55.8893, 53.4963, 98.6469



63.4826, 53.4963, 45.3493



46.1168, 53.4963, 30.7299



40.0096, 53.4963, 73.3872

Rectangle

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



55.8893, 53.4963, 98.6469



63.9467, 53.4963, 69.7826



46.1168, 53.4963, 30.7299



39.6702, 53.4963, 48.0608

Sweetspot

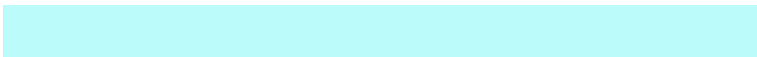
The Sweet Spot groups the original color and five complimentary colors.



55.8911, 53.4984, 98.6481



81.8642, 84.1845, 106.5423



72.2368, 86.4582, 103.2694



17.0258, 17.4232, 22.7156



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.



55.8911, 53.4984, 98.6481



51.7022, 47.9623, 101.1404



64.0778, 57.4024, 98.9702



16.3048, 16.6865, 21.7467



9.1848, 3.7252, 48.2085



0.8581, 0.3599, 4.4674

Inverse Universe

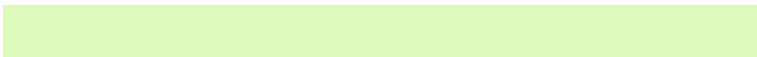
The Inverse Universe completely reimagines the original color for something new.



66.6325, 59.6823, 55.5872



64.7100, 55.4728, 48.9893



73.0034, 87.8094, 60.1165



17.2556, 17.2296, 17.9360



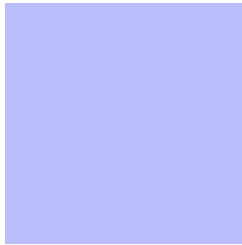
20.9281, 10.7870, 1.0638



1.9420, 1.0006, 0.1183

Previews

White Background



This preview shows how the XYZ color 55.8893, 53.4963, 98.6469 looks on a white background.

Color Contrast Check

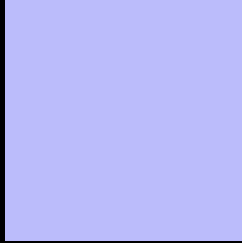
Large Text (above 18pt) WCAG AA × Fail

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 55.8893, 53.4963, 98.6469 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

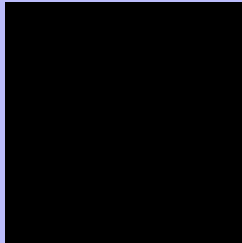
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.8893, 53.4963, 98.6469

Background



This preview shows how black text looks on a background with the XYZ color 55.8893, 53.4963, 98.6469.

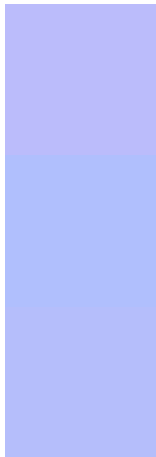


This preview shows how white text looks on a background with the XYZ color 55.8893, 53.4963,

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

55.8893, 53.4963, 98.6469

Protanopia

54.2649, 53.5836, 100.4111

Deuteranopia

54.8821, 53.6157, 98.7231



Tritanopia

49.8634, 53.3171, 69.2912

Trichromacy



Original Color

55.8893, 53.4963, 98.6469

Protanomaly

54.8065, 53.5585, 99.5447

Deuteranomaly

55.1386, 53.4275, 98.6732

Tritanomaly

51.8685, 53.1353, 79.4739

Monochromacy



Original Color

55.8893, 53.4963, 98.6469

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

52.8536, 53.8120, 71.8911

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.8893, 53.4963, 98.6469 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(187, 188, 251)` looks like.

```
.text, #text, p{  
    color:rgb(187, 188, 251)  
}
```

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(187, 188, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 188, 251) }
```

Border

The CSS property to change the border of an element to XYZ 55.8893, 53.4963, 98.6469 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(187, 188, 251) }
```


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

```
.border{ border-color:rgb(187, 188, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 188, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 188, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 188, 251);  
box-shadow:4px 4px 4px 4px rgb(187, 188,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 55.8893, 53.4963, 98.6469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 188, 251) }
```

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

```
.background{ background-color: rgb(187,  
188, 251) }
```

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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