

Converting Colors

XYZ(55.4730, 54.7712, 71.8840)

Have a look what the booklet for
XYZ(55.4730, 54.7712, 71.8840)
contains.

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Color

**XYZ(55.5251, 54.8644,
71.9534)**

Conversions

Conversions Part 1

Format	Color
Hex	CBBFD7
RGB	203, 191, 215
RGB Percent	80%, 75%, 84%
CMY	0.2039, 0.2510, 0.1569
CMYK	0.06, 0.11, 0.00, 0.16
HSL	270°, 23%, 80%
HSV	270°, 11%, 84%
XYZ	55.5251, 54.8644, 71.9534
YIQ	197.3240, -0.5520, 10.0080

Conversions

Conversions Part 2

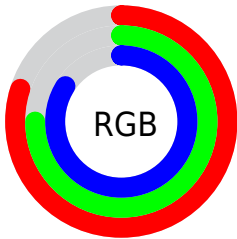
Format	Color
R_{YB}	203, 191, 215
Decimal	13352919
CIE _{Lab}	78.96, 8.65, -10.48
CIE _{LCh}	79, 13.588, 309.563
Yxy	54.8644, 0.3045, 0.3009
Android (android.graphics.Color)	4291542999 (0xFFCBBFD7)
YUV	197.3240, 8.7143, 4.9779
Hunter-Lab	74.0705, 4.1847, -5.7460

Details

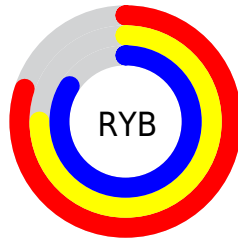
The XYZ color **55.5251, 54.8644, 71.9534** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.3351, 65.0605, 58.7763**, and the grayscale version is **53.2173, 55.9887, 60.9717**.

A 20% lighter version of the original color is **92.5508, 95.0015, 108.0669**, and **27.8281, 27.1046, 37.0227** is the 20% darker color. If you saturate the color by 10%, you get **48.3495, 44.7095, 70.3723**, and if you desaturate by 10%, it is **63.5953, 66.5051, 73.7758**.

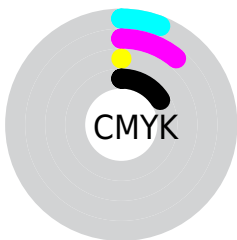
Distribution



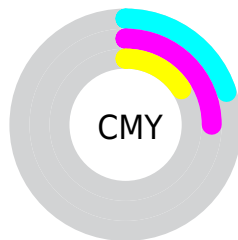
- Red (80%)
- Green (75%)
- Blue (84%)



- Red (80%)
- Yellow (75%)
- Blue (84%)



- Cyan (6%)
- Magenta (11%)
- Yellow (0%)
- Black (16%)



- Cyan (20%)
- Magenta (25%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.5251, 54.8644, 71.9534 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 55.5251, 54.8644, 71.9534 by changing the saturation by 10% instead.

■ 55.5251, 54.8644,
71.9534

■ 55.5251, 54.8644,
71.9534

398.0034,
405.3977, 486.3526

■ 40.0578, 39.2932,
52.6340

■ 97.4537, 97.3423,
123.6974

■ 27.7680, 26.9879,
37.1250

124.6458,
125.0177, 156.9590

■ 18.2904, 17.5641,
25.0077

156.4767,
157.4966, 195.7052

■ 11.2596, 10.6375,
15.8637

193.3120,
195.1634, 240.3544

■ 6.3103, 5.8236,
9.2745

235.5170,
238.4025, 291.3252

■ 3.0771, 2.7381,
4.8214

283.4570,

■ 1.1947, 0.9966,

287.5984, 349.0362

2.0859

337.4973,
343.1353, 413.9058

■ 0.1022, 0.0000,
0.6074

■ 0.0000, 0.0000,
0.0000

■ 55.5251, 54.8644,
71.9534

■ 55.5251, 54.8644,
71.9534

■ 48.3495, 44.7095,
70.3723

■ 63.5953, 66.5051,
73.7758

■ 42.0297, 35.9717,
69.0189

■ 72.5872, 79.6828,
75.8454

■ 36.5309, 28.5869,
67.8833

■ 82.3714, 94.1321,
78.1187

■ 31.8142, 22.4835,
66.9538

■ 86.0345, 96.0205,
78.2901

■ 27.8369, 17.5828,
66.2175

■ 89.2659, 97.6864,
78.4414

■ 24.5517, 13.7974,
65.6600

■ 21.9050, 11.0273,
65.2648

■ 19.8336, 9.1534,
65.0123

■ 18.3880, 8.0624,
64.8779

Harmonies

Analogous

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



53.0145, 54.8644, 75.6375



55.5251, 54.8644, 71.9534



57.1663, 54.8644, 65.0834

Triad

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



55.5251, 54.8644, 71.9534



53.9815, 54.8644, 46.8568



47.1917, 54.8644, 62.2430

Complementary

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



55.5251, 54.8644, 71.9534



58.3351, 65.0605, 58.7763

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.



47.4304, 54.8644, 54.6936



55.5251, 54.8644, 71.9534



51.2890, 54.8644, 46.2391

Square

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



55.5251, 54.8644, 71.9534



56.2539, 54.8644, 50.7569



48.9087, 54.8644, 48.9898



48.2449, 54.8644, 69.7206

Rectangle

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



55.5251, 54.8644, 71.9534



57.5144, 54.8644, 59.8516



48.9087, 54.8644, 48.9898



47.1243, 54.8644, 59.6245

Sweetspot

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



55.5267, 54.8667, 71.9546



91.2645, 94.4975, 108.0374



55.2042, 58.8858, 72.7474



19.3223, 19.9191, 23.0763



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.



55.5267, 54.8667, 71.9546



79.5335, 77.6333, 105.4006



58.8051, 56.5568, 72.1080



12.3282, 12.3106, 15.6639



11.1204, 4.8853, 38.8100



0.7662, 0.3439, 2.3453

Inverse Universe

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



57.4366, 56.0229, 64.2890



82.8169, 79.6211, 92.2218



55.2930, 63.4922, 58.6339



12.6797, 12.5234, 14.2533



18.4190, 9.3039, 9.5105



1.1527, 0.5779, 0.7937

Previews

White Background



This preview shows how the XYZ color 55.5251, 54.8644, 71.9534 looks on a white background.

Color Contrast Check

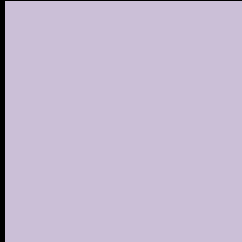
Large Text (above 18pt) WCAG AA × Fail

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 55.5251, 54.8644, 71.9534 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

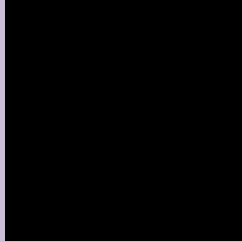
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.5251, 54.8644, 71.9534

Background



This preview shows how black text looks on a background with the XYZ color 55.5251, 54.8644, 71.9534.



This preview shows how white text looks on a background with the XYZ color 55.5251, 54.8644,

71.9534.

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

55.5251, 54.8644, 71.9534

Protanopia

53.8085, 54.9308, 73.4123

Deuteranopia

55.8560, 54.7123, 71.9066



Tritanopia

54.4692, 54.7608, 66.7305

Trichromacy



Original Color

55.5251, 54.8644, 71.9534

Protanomaly

54.4906, 54.9681, 72.7037

Deuteranomaly

55.5810, 54.5706, 71.8937

Tritanomaly

54.8396, 54.9090, 68.6809

Monochromacy



Original Color

55.5251, 54.8644, 71.9534

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

53.9674, 55.5320, 65.0011

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.5251, 54.8644, 71.9534 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(203, 191, 215)` looks like.

```
.text, #text, p{  
    color:rgb(203, 191, 215)  
}
```

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(203, 191, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 191, 215) }
```

Border

The CSS property to change the border of an element to XYZ 55.5251, 54.8644, 71.9534 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(203, 191, 215) }
```


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

```
.border{ border-color:rgb(203, 191, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 191, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 191, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 191, 215);  
box-shadow:4px 4px 4px 4px rgb(203, 191,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 55.5251, 54.8644, 71.9534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 191, 215) }
```

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

```
.background{ background-color: rgb(203,  
191, 215) }
```

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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