

Converting Colors

XYZ(55.3112, 52.6344, 81.3730)

Have a look what the booklet for
XYZ(55.3112, 52.6344, 81.3730)
contains.

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Color

**XYZ(55.3112, 52.6344,
81.3730)**

Conversions

Conversions Part 1

Format	Color
Hex	C8B9E5
RGB	200, 185, 229
RGB Percent	78%, 73%, 90%
CMY	0.2157, 0.2745, 0.1020
CMYK	0.13, 0.19, 0.00, 0.10
HSL	260°, 46%, 81%
HSV	260°, 19%, 90%
XYZ	55.3112, 52.6344, 81.3730
YIQ	194.5010, -5.1840, 16.8640

Conversions

Conversions Part 2

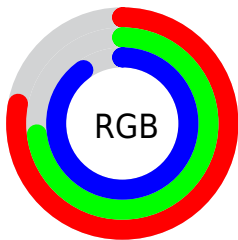
Format	Color
R _Y B	200, 185, 229
Decimal	13154789
CIE Lab	77.66, 13.74, -20.02
CIE LCh	78, 24.279, 304.466
Yxy	52.6344, 0.2922, 0.2780
Android (android.graphics.Color)	4291344869 (0xFFC8B9E5)
YUV	194.5010, 17.0080, 4.8226
Hunter-Lab	72.5496, 9.1252, -15.7161

Details

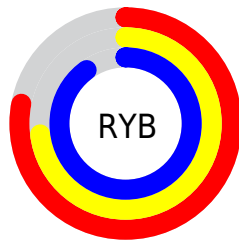
The XYZ color **55.3112, 52.6344, 81.3730** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **64.5097, 73.8389, 56.7537**, and the grayscale version is **51.4809, 54.1619, 58.9823**.

A 20% lighter version of the original color is **90.7453, 91.3906, 107.4651**, and **27.6481, 25.6307, 43.0252** is the 20% darker color. If you saturate the color by 10%, you get **47.0671, 41.8375, 79.7243**, and if you desaturate by 10%, it is **64.7281, 65.1840, 83.2998**.

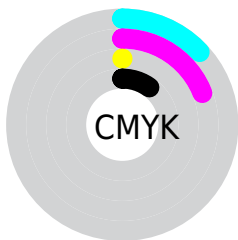
Distribution



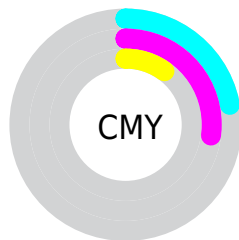
- Red (78%)
- Green (73%)
- Blue (90%)



- Red (78%)
- Yellow (73%)
- Blue (90%)



- Cyan (13%)
- Magenta (19%)
- Yellow (0%)
- Black (10%)



- Cyan (22%)
- Magenta (27%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.3112, 52.6344, 81.3730 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 55.3112, 52.6344, 81.3730 by changing the saturation by 10% instead.

■ 55.3112, 52.6344,
81.3730

■ 55.3112, 52.6344,
81.3730

397.2077,
396.8809, 519.3763

■ 39.8858, 37.5110,
60.3160

■ 97.1424, 94.0662,
137.1232

■ 27.6333, 25.6034,
43.2465

124.2789,
121.1433, 172.6535

■ 18.1885, 16.5272,
29.7457

156.0498,
152.9739, 213.8453

■ 11.1859, 9.8979,
19.3952

192.8205,
189.9422, 261.1172

■ 6.2602, 5.3313,
11.7765

234.9562,
232.4326, 314.8877

■ 3.0461, 2.4430,
6.4710

282.8225,

■ 1.1782, 0.8479,

280.8296, 375.5753

3.0602

336.7845,
335.5176, 443.5987

■ 0.0890, 0.0000,
1.1254

■ 0.0000, 0.0000,
0.0000

■ 55.3112, 52.6344,
81.3730

■ 55.3112, 52.6344,
81.3730

■ 47.0671, 41.8375,
79.7243

■ 64.7281, 65.1840,
83.2998

■ 39.9426, 32.7070,
78.3375

■ 75.3584, 79.5542,
85.5133

■ 33.8874, 25.1591,
77.1997

■ 87.2465, 95.8171,
88.0258

■ 28.8452, 19.1000,
76.2960

■ 91.1430, 98.4372,
88.3261

■ 24.7541, 14.4257,
75.6093

■ 21.5446, 11.0179,
75.1207

■ 19.1358, 8.7378,
74.8076

■ 17.4079, 7.3694,
74.6345

■ 17.2899, 7.2795,
74.6234

Harmonies

Analogous

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



50.7336, 52.6344, 87.1371



55.3112, 52.6344, 81.3730



58.6218, 52.6344, 69.1901

Triad

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



55.3112, 52.6344, 81.3730



54.0198, 52.6344, 37.0062



41.5576, 52.6344, 59.3464

Complementary

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



55.3112, 52.6344, 81.3730



64.5097, 73.8389, 56.7537

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.



42.3170, 52.6344, 46.8740



55.3112, 52.6344, 81.3730



49.3279, 52.6344, 35.2086

Square

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



55.3112, 52.6344, 81.3730



57.8441, 52.6344, 43.8905



45.0913, 52.6344, 38.5305



42.9487, 52.6344, 73.2187

Rectangle

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



55.3112, 52.6344, 81.3730



59.5598, 52.6344, 59.8391



45.0913, 52.6344, 38.5305



41.5706, 52.6344, 54.8530

Sweetspot

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



55.3128, 52.6366, 81.3742



86.7485, 88.7610, 107.1682



58.2832, 64.2352, 83.4564



18.3818, 18.7478, 22.8998



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.



55.3128, 52.6366, 81.3742



66.2892, 61.5091, 102.9864



61.5156, 55.8342, 81.6645



14.0437, 14.1247, 18.1305



10.0012, 4.2217, 42.6709



0.8356, 0.3618, 3.1578

Inverse Universe

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



61.8014, 56.2132, 71.2137



76.0554, 66.8965, 87.5067



58.6008, 70.7928, 56.4772



14.7754, 14.5273, 17.0176



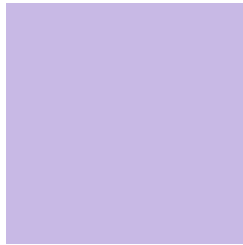
21.7245, 10.8240, 17.9759



1.6485, 0.8171, 1.5553

Previews

White Background



This preview shows how the XYZ color 55.3112, 52.6344, 81.3730 looks on a white background.

Color Contrast Check

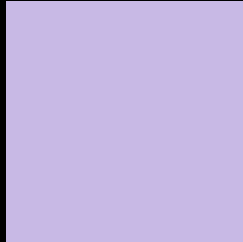
Large Text (above 18pt) WCAG AA × Fail

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 55.3112, 52.6344, 81.3730 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 55.3112, 52.6344, 81.3730

Background



This preview shows how black text looks on a background with the XYZ color 55.3112, 52.6344, 81.3730.



This preview shows how white text looks on a background with the XYZ color 55.3112, 52.6344,

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

55.3112, 52.6344, 81.3730

Protanopia

52.6499, 52.7774, 84.5029

Deuteranopia

53.9791, 52.9053, 80.7655



Tritanopia

51.8616, 52.4906, 64.5250

Trichromacy



Original Color

55.3112, 52.6344, 81.3730

Protanomaly

53.5350, 52.6115, 83.6774

Deuteranomaly

54.5389, 52.8778, 80.7307

Tritanomaly

53.0194, 52.6409, 70.3171

Monochromacy



Original Color

55.3112, 52.6344, 81.3730

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

52.9192, 53.6369, 66.5953

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.3112, 52.6344, 81.3730 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(200, 185, 229)` looks like.

```
.text, #text, p{  
    color:rgb(200, 185, 229)  
}
```

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(200, 185, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 185, 229) }
```

Border

The CSS property to change the border of an element to XYZ 55.3112, 52.6344, 81.3730 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(200, 185, 229) }
```


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

```
.border{ border-color:rgb(200, 185, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 185, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 185, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 185, 229);  
box-shadow:4px 4px 4px 4px rgb(200, 185,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 55.3112, 52.6344, 81.3730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 185, 229) }
```

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

```
.background{ background-color: rgb(200,  
185, 229) }
```

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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