

Converting Colors

XYZ(57.2514, 52.3113, 85.6769)

Have a look what the booklet for
XYZ(57.2514, 52.3113, 85.6769)
contains.

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Color

**XYZ(57.2514, 52.3113,
85.6769)**

Conversions

Conversions Part 1

Format	Color
Hex	CFB5EB
RGB	207, 181, 235
RGB Percent	81%, 71%, 92%
CMY	0.1882, 0.2902, 0.0784
CMYK	0.12, 0.23, 0.00, 0.08
HSL	269°, 57%, 82%
HSV	269°, 23%, 92%
XYZ	57.2514, 52.3113, 85.6769
YIQ	194.9300, -1.8380, 22.3060

Conversions

Conversions Part 2

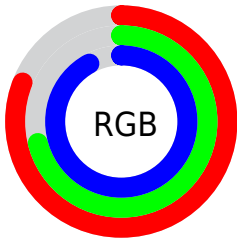
Format	Color
R _Y B	207, 181, 235
Decimal	13612523
CIE Lab	77.47, 19.39, -23.49
CIE LCh	77, 30.463, 309.538
Yxy	52.3113, 0.2932, 0.2679
Android (android.graphics.Color)	4291802603 (0xFFCFB5EB)
YUV	194.9300, 19.7545, 10.5854
Hunter-Lab	72.3266, 14.7235, -19.6054

Details

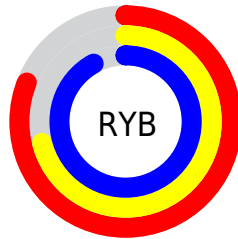
The XYZ color **57.2514, 52.3113, 85.6769** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **64.3451, 76.3095, 55.0563**, and the grayscale version is **51.7184, 54.4118, 59.2544**.

A 20% lighter version of the original color is **89.5742, 89.0484, 107.0747**, and **28.8047, 25.3684, 46.0262** is the 20% darker color. If you saturate the color by 10%, you get **49.5963, 41.8609, 84.0641**, and if you desaturate by 10%, it is **65.9785, 64.5134, 87.5730**.

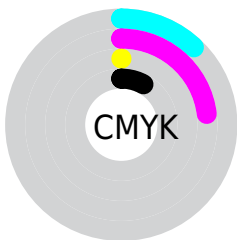
Distribution



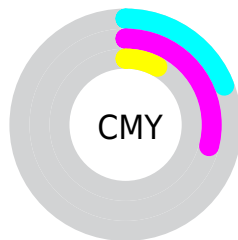
- Red (81%)
- Green (71%)
- Blue (92%)



- Red (81%)
- Yellow (71%)
- Blue (92%)



- Cyan (12%)
- Magenta (23%)
- Yellow (0%)
- Black (8%)



- Cyan (19%)
- Magenta (29%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.2514, 52.3113, 85.6769 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 57.2514, 52.3113, 85.6769 by changing the saturation by 10% instead.

■ 57.2514, 52.3113,
85.6769

■ 57.2514, 52.3113,
85.6769

404.3896,
395.6372, 534.0681

■ 41.4480, 37.2533,
63.8475

■ 99.9612, 93.5902,
143.2011

■ 28.8586, 25.4036,
46.0817

127.5983,
120.5798, 179.7329

■ 19.1176, 16.3780,
31.9612

159.9107,
152.3154, 222.0026

■ 11.8598, 9.7921,
21.0673

197.2638,
189.1814, 270.4287

■ 6.7198, 5.2613,
12.9815

240.0228,
231.5622, 325.4298

■ 3.3322, 2.4014,
7.2852

288.5533,

■ 1.3318, 0.8266,

279.8422, 387.4243

3.5600

343.2204,
334.4057, 456.8309

■ 0.2068, 0.0000,
1.3872

■ 0.0000, 0.0000,
0.1317

■ 57.2514, 52.3113,
85.6769

■ 57.2514, 52.3113,
85.6769

■ 49.5963, 41.8609,
84.0641

■ 65.9785, 64.5134,
87.5730

■ 42.9620, 33.0717,
82.7172

■ 75.8159, 78.5387,
89.7617

■ 37.3001, 25.8550,
81.6227

■ 86.8060, 94.4627,
92.2561

■ 32.5558, 20.1107,
80.7640

■ 91.9956, 98.7782,
92.8155

■ 28.6684, 15.7271,
80.1228

■ 25.5682, 12.5752,
79.6778

■ 23.1724, 10.4998,
79.4035

■ 21.8243, 9.5186,
79.2851

Harmonies

Analogous

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



51.6128, 52.3113, 95.1202



57.2514, 52.3113, 85.6769



61.0537, 52.3113, 69.0127

Triad

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



57.2514, 52.3113, 85.6769



53.7683, 52.3113, 31.7383



39.4064, 52.3113, 62.4800

Complementary

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



57.2514, 52.3113, 85.6769



64.3451, 76.3095, 55.0563

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.



39.8842, 52.3113, 46.3959



57.2514, 52.3113, 85.6769



47.8747, 52.3113, 30.6728

Square

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



57.2514, 52.3113, 85.6769



58.9355, 52.3113, 38.7706



42.8805, 52.3113, 35.5025



41.5196, 52.3113, 80.0946

Rectangle

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



57.2514, 52.3113, 85.6769



61.8729, 52.3113, 57.2188



42.8805, 52.3113, 35.5025



39.2733, 52.3113, 56.6982

Sweetspot

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



57.2531, 52.3135, 85.6781



86.2940, 87.4219, 106.9337



57.0506, 61.8183, 87.5234



18.3157, 18.4910, 22.8537



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.



57.2531, 52.3135, 85.6781



64.0140, 56.2369, 102.0886



65.1903, 56.4053, 86.0495



14.9214, 14.9047, 19.0127



12.2920, 5.3727, 44.1321



1.0758, 0.4789, 3.4706

Inverse Universe

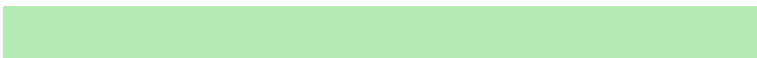
The Inverse Universe completely reimagines the original color for something new.



62.2952, 55.3155, 67.7175



71.2985, 60.5754, 76.0781



57.5315, 72.7970, 54.7375



15.3916, 15.1845, 17.3476



21.0828, 10.6358, 11.5033



1.7041, 0.8546, 1.1592

Previews

White Background



This preview shows how the XYZ color 57.2514, 52.3113, 85.6769 looks on a white background.

Color Contrast Check

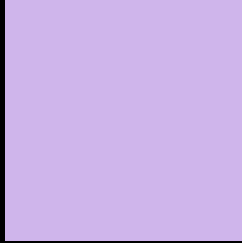
Large Text (above 18pt) WCAG AA × Fail

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 57.2514, 52.3113, 85.6769 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

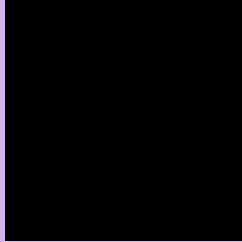
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.2514, 52.3113, 85.6769

Background



This preview shows how black text looks on a background with the XYZ color 57.2514, 52.3113, 85.6769.



This preview shows how white text looks on a background with the XYZ color 57.2514, 52.3113,

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

57.2514, 52.3113, 85.6769

Protanopia

52.6652, 52.3298, 90.5440

Deuteranopia

53.6079, 52.3000, 85.1114



Tritanopia

52.7881, 52.3615, 63.2017

Trichromacy



Original Color

57.2514, 52.3113, 85.6769

Protanomaly

54.1252, 52.1686, 88.8782

Deuteranomaly

54.9652, 52.3742, 85.0542

Tritanomaly

54.3884, 52.3903, 70.8641

Monochromacy



Original Color

57.2514, 52.3113, 85.6769

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

53.5995, 53.6222, 68.4979

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.2514, 52.3113, 85.6769 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(207, 181, 235)` looks like.

```
.text, #text, p{  
    color:rgb(207, 181, 235)  
}
```

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(207, 181, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 181, 235) }
```

Border

The CSS property to change the border of an element to XYZ 57.2514, 52.3113, 85.6769 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(207, 181, 235) }
```


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

```
.border{ border-color:rgb(207, 181, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 181, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 181, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 181, 235);  
box-shadow:4px 4px 4px 4px rgb(207, 181,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 57.2514, 52.3113, 85.6769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 181, 235) }
```

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

```
.background{ background-color: rgb(207,  
181, 235) }
```

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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