

Converting Colors

XYZ(57.8756, 54.9284, 66.3712)

Have a look what the booklet for
XYZ(57.8756, 54.9284, 66.3712)
contains.

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Color

**XYZ(57.9463, 54.9511,
66.5840)**

Conversions

Conversions Part 1

Format	Color
Hex	DABBCF
RGB	218, 187, 207
RGB Percent	85%, 73%, 81%
CMY	0.1451, 0.2666, 0.1882
CMYK	0.00, 0.14, 0.05, 0.15
HSL	321°, 30%, 79%
HSV	321°, 14%, 85%
XYZ	57.9463, 54.9511, 66.5840
YIQ	198.5490, 12.0560, 12.7920

Conversions

Conversions Part 2

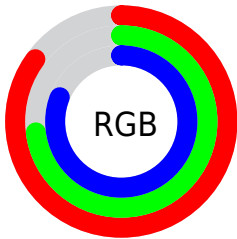
Format	Color
R_{YB}	218, 187, 207
Decimal	14334927
CIE _{Lab}	79.01, 14.43, -5.94
CIE _{LCh}	79, 15.604, 337.611
Yxy	54.9511, 0.3229, 0.3062
Android (android.graphics.Color)	4292525007 (0xFFDABBCF)
YUV	198.5490, 4.1663, 17.0585
Hunter-Lab	74.1290, 9.8068, -1.3650

Details

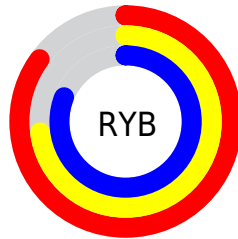
The XYZ color **57.9463, 54.9511, 66.5840** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **55.7602, 64.7864, 62.9954**, and the grayscale version is **53.9823, 56.7936, 61.8482**.

A 20% lighter version of the original color is **91.3406, 92.5812, 107.6635**, and **29.3791, 27.1366, 33.8264** is the 20% darker color. If you saturate the color by 10%, you get **52.7456, 46.0257, 60.2980**, and if you desaturate by 10%, it is **63.8986, 65.3039, 73.3506**.

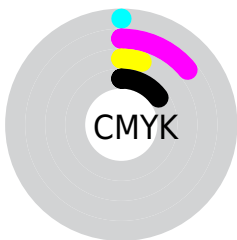
Distribution



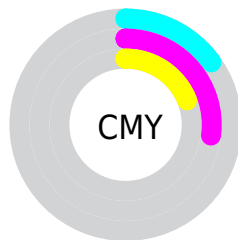
- Red (85%)
- Green (73%)
- Blue (81%)



- Red (85%)
- Yellow (73%)
- Blue (81%)



- Cyan (0%)
- Magenta (14%)
- Yellow (5%)
- Black (15%)



- Cyan (15%)
- Magenta (27%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.9463, 54.9511, 66.5840 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 57.9463, 54.9511, 66.5840 by changing the saturation by 10% instead.

■ 57.9463, 54.9511,
66.5840

■ 57.9463, 54.9511,
66.5840

406.9429,
405.7265, 466.9237

■ 42.0086, 39.3626,
48.2872

■ 100.9681, 97.4693,
115.9591

■ 29.2991, 27.0419,
33.6927

128.7828,
125.1678, 147.8744

■ 19.4527, 17.6047,
22.3822

161.2873,
157.6717, 185.1664

■ 12.1037, 10.6666,
13.9370

198.8468,
195.3654, 228.2534

■ 6.8871, 5.8431,
7.9386

241.8268,
238.6334, 277.5541

■ 3.4373, 2.7499,
3.9685

290.5926,

■ 1.3890, 1.0026,

287.8599, 333.4871

1.6081

345.5095,
343.4295, 396.4707

■ 0.2484, 0.0000,
0.2966

■ 0.0000, 0.0000,
0.0000

■ 57.9463, 54.9511,
66.5840

■ 57.9463, 54.9511,
66.5840

■ 52.7456, 46.0257,
60.2980

■ 63.8986, 65.3039,
73.3506

■ 48.2594, 38.4572,
54.4749

■ 70.6279, 77.1362,
80.6073

■ 44.4548, 32.1798,
49.1012

■ 78.1643, 90.5065,
88.3681

■ 41.2942, 27.1193,
44.1609

■ 80.0987, 92.5956,
94.4995

■ 38.7361, 23.1941,
39.6368

■ 81.2599, 93.0601,
100.6142

■ 36.7341, 20.3123,
35.5098

■ 82.4706, 93.5443,
106.9894

■ 35.2345, 18.3677,
31.7583

■ 82.7238, 93.6456,
108.3231

■ 34.1720, 17.2312,
28.3569

■ 33.6945, 16.8179,
26.5277

Harmonies

Analogous

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



55.9584, 54.9511, 74.4248



57.9463, 54.9511, 66.5840



58.3733, 54.9511, 57.5961

Triad

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



57.9463, 54.9511, 66.5840



51.4426, 54.9511, 44.4347



47.6413, 54.9511, 70.8859

Complementary

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



57.9463, 54.9511, 66.5840



55.7602, 64.7864, 62.9954

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.



46.5325, 54.9511, 62.1258



57.9463, 54.9511, 66.5840



48.6698, 54.9511, 47.2841

Square

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



57.9463, 54.9511, 66.5840



54.5365, 54.9511, 45.3746



46.9014, 54.9511, 53.5534



49.9883, 54.9511, 77.0751

Rectangle

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



57.9463, 54.9511, 66.5840



57.7002, 54.9511, 52.2526



46.9014, 54.9511, 53.5534



47.1157, 54.9511, 68.1119

Sweetspot

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



57.9479, 54.9535, 66.5852



91.3045, 93.4329, 104.8034



53.6767, 52.5908, 73.6526



19.3965, 19.7424, 22.2701



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.



57.9479, 54.9535, 66.5852



80.3672, 74.4406, 92.2717



56.1614, 54.2389, 57.1779



13.4080, 13.1923, 15.4097



20.2392, 10.0967, 16.1714



1.3516, 0.6703, 1.2605

Inverse Universe

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



57.9479, 54.9535, 66.5852



80.3672, 74.4406, 92.2717



57.6215, 65.5309, 72.7970



13.4080, 13.1923, 15.4097



20.2392, 10.0967, 16.1714



1.3516, 0.6703, 1.2605

Previews

White Background



This preview shows how the XYZ color 57.9463, 54.9511, 66.5840 looks on a white background.

Color Contrast Check

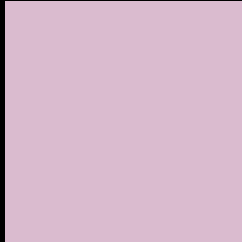
Large Text (above 18pt) WCAG AA × Fail

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 57.9463, 54.9511, 66.5840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

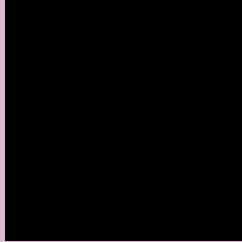
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.9463, 54.9511, 66.5840

Background



This preview shows how black text looks on a background with the XYZ color 57.9463, 54.9511, 66.5840.



This preview shows how white text looks on a background with the XYZ color 57.9463, 54.9511,

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

57.9463, 54.9511, 66.5840

Protanopia

53.9044, 55.3858, 70.1368

Deuteranopia

56.1324, 54.9848, 66.0471



Tritanopia

57.2592, 54.9824, 63.4719

Trichromacy



Original Color

57.9463, 54.9511, 66.5840

Protanomaly

55.1111, 55.0489, 68.6936

Deuteranomaly

56.7787, 54.9976, 66.0155

Tritanomaly

57.4976, 55.0778, 64.7274

Monochromacy



Original Color

57.9463, 54.9511, 66.5840

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

55.6294, 56.4163, 63.8346

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9463, 54.9511, 66.5840 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(218, 187, 207)` looks like.

```
.text, #text, p{  
    color:rgb(218, 187, 207)  
}
```

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(218, 187, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 187, 207) }
```

Border

The CSS property to change the border of an element to XYZ 57.9463, 54.9511, 66.5840 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(218, 187, 207) }
```


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

```
.border{ border-color:rgb(218, 187, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 187, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 187, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 187, 207);  
box-shadow:4px 4px 4px 4px rgb(218, 187,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9463, 54.9511, 66.5840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 187, 207) }
```

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

```
.background{ background-color: rgb(218,  
187, 207) }
```

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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