

Converting Colors

XYZ(58.4203, 51.7391, 68.0056)

Have a look what the booklet for
XYZ(58.4203, 51.7391, 68.0056)
contains.

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Color

**XYZ(58.5222, 51.8726,
67.9007)**

Conversions

Conversions Part 1

Format	Color
Hex	E2B0D2
RGB	226, 176, 210
RGB Percent	89%, 69%, 82%
CMY	0.1137, 0.3098, 0.1765
CMYK	0.00, 0.22, 0.07, 0.11
HSL	319°, 46%, 79%
HSV	319°, 22%, 89%
XYZ	58.5222, 51.8726, 67.9007
YIQ	194.8260, 18.8860, 21.1740

Conversions

Conversions Part 2

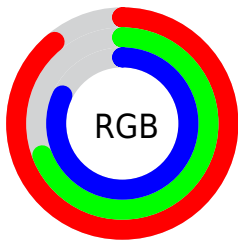
Format	Color
R _Y B	226, 176, 210
Decimal	14856402
CIE _{Lab}	77.20, 23.62, -10.17
CIE _{LCh}	77, 25.721, 336.701
Yxy	51.8726, 0.3282, 0.2909
Android (android.graphics.Color)	4293046482 (0xFFE2B0D2)
YUV	194.8260, 7.4808, 27.3396
Hunter-Lab	72.0226, 19.0011, -5.4809

Details

The XYZ color **58.5222, 51.8726, 67.9007** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **54.6174, 67.4300, 60.0089**, and the grayscale version is **51.7185, 54.4119, 59.2546**.

A 20% lighter version of the original color is **88.1466, 86.1932, 106.5989**, and **29.6613, 25.1123, 34.7363** is the 20% darker color. If you saturate the color by 10%, you get **53.5739, 43.3851, 61.9058**, and if you desaturate by 10%, it is **64.2519, 61.8564, 74.3582**.

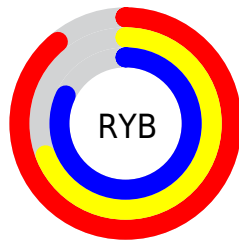
Distribution



Red (89%)

Green (69%)

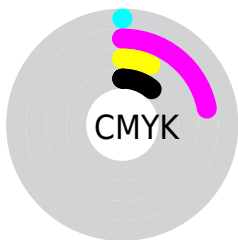
Blue (82%)



Red (89%)

Yellow (69%)

Blue (82%)

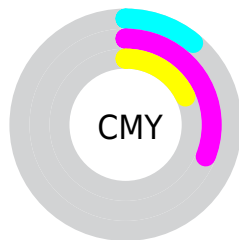


Cyan (0%)

Magenta (22%)

Yellow (7%)

Black (11%)



Cyan (11%)


Magenta (31%)


Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.5222, 51.8726, 67.9007 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 58.5222, 51.8726, 67.9007 by changing the saturation by 10% instead.


 58.5222, 51.8726,
67.9007

 58.5222, 51.8726,
67.9007


409.0515,
393.9446, 471.7326

 42.4735, 36.9035,
49.3508

 101.8015, 92.9433,
117.8629

 29.6650, 25.1328,
34.5303


129.7628,
119.8138, 150.1123

 19.7312, 16.1760,
23.0206


162.4258,
151.4201, 187.7653

 12.3069, 9.6488,
14.4033

200.1556,
188.1468, 231.2404

 7.0268, 5.1667,
8.2597

243.3178,
230.3782, 280.9561

 3.5253, 2.3454,
4.1714

292.2775,

 1.4373, 0.7976,

278.4987, 337.3310

1.7199

347.4004,
332.8927, 400.7837

■ 0.2825, 0.0000,
0.3743

■ 0.0000, 0.0000,
0.0000

■ 58.5222, 51.8726,
67.9007

■ 58.5222, 51.8726,
67.9007

■ 53.5739, 43.3851,
61.9058

■ 64.2519, 61.8564,
74.3582

■ 49.3655, 36.3137,
56.3554

■ 70.7930, 73.3976,
81.2890

■ 45.8584, 30.5813,
51.2343

■ 78.1793, 86.5625,
88.7077

■ 43.0084, 26.1007,
46.5252

■ 82.6942, 93.9169,
95.3777

■ 40.7663, 22.7741,
42.2088

■ 83.7841, 94.3528,
101.1170

■ 39.0755, 20.4894,
38.2635

■ 84.9173, 94.8061,
107.0841

■ 37.8679, 19.1114,
34.6637

■ 85.1743, 94.9089,
108.4378

■ 37.1700, 18.4912,
32.0401

Harmonies

Analogous

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



55.1821, 51.8726, 81.1342



58.5222, 51.8726, 67.9007



59.3190, 51.8726, 53.3745

Triad

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



58.5222, 51.8726, 67.9007



48.2066, 51.8726, 33.6003



42.0940, 51.8726, 74.2884

Complementary

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



58.5222, 51.8726, 67.9007



54.6174, 67.4300, 60.0089

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.



40.4838, 51.8726, 59.7046



58.5222, 51.8726, 67.9007



43.8577, 51.8726, 37.4074

Square

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



58.5222, 51.8726, 67.9007



53.1445, 51.8726, 35.0540



41.1073, 51.8726, 46.4184



45.6519, 51.8726, 85.2303

Rectangle

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



58.5222, 51.8726, 67.9007



58.2562, 51.8726, 45.1498



41.1073, 51.8726, 46.4184



41.3182, 51.8726, 69.5640

Sweetspot

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



58.5237, 51.8749, 67.9018



88.7114, 88.7728, 102.3171



50.9511, 47.7291, 78.4794



18.8764, 18.8043, 21.7817



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.



58.5237, 51.8749, 67.9018



73.5337, 62.3223, 85.2192



55.6658, 50.7317, 52.8521



14.0986, 13.8571, 16.2896



21.2616, 10.5717, 18.5753



1.5140, 0.7489, 1.4995

Inverse Universe

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



58.5237, 51.8749, 67.9018



73.5337, 62.3223, 85.2192



57.6053, 68.6252, 75.7431



14.0986, 13.8571, 16.2896



21.2616, 10.5717, 18.5753



1.5140, 0.7489, 1.4995

Previews

White Background



This preview shows how the XYZ color 58.5222, 51.8726, 67.9007 looks on a white background.

Color Contrast Check

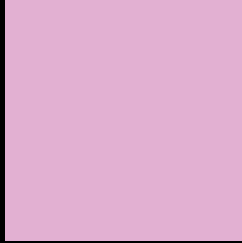
Large Text (above 18pt) WCAG AA × Fail

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 58.5222, 51.8726, 67.9007 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

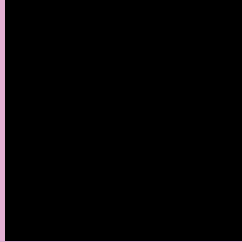
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.5222, 51.8726, 67.9007

Background



This preview shows how black text looks on a background with the XYZ color 58.5222, 51.8726, 67.9007.



This preview shows how white text looks on a background with the XYZ color 58.5222, 51.8726,

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

58.5222, 51.8726, 67.9007

Protanopia

51.2335, 51.9488, 74.3447

Deuteranopia

53.3012, 52.2284, 66.9463



Tritanopia

56.4862, 51.9377, 57.4999

Trichromacy



Original Color

58.5222, 51.8726, 67.9007

Protanomaly

53.6226, 51.6564, 72.1102

Deuteranomaly

55.1005, 51.9082, 67.4368

Tritanomaly

57.2805, 51.9719, 61.0454

Monochromacy



Original Color

58.5222, 51.8726, 67.9007

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

53.8621, 53.2584, 62.0846

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.5222, 51.8726, 67.9007 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(226, 176, 210)` looks like.

```
.text, #text, p{  
    color:rgb(226, 176, 210)  
}
```

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(226, 176, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 176, 210) }
```

Border

The CSS property to change the border of an element to XYZ 58.5222, 51.8726, 67.9007 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(226, 176, 210) }
```


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

```
.border{ border-color:rgb(226, 176, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 176, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 176, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 176, 210);  
box-shadow:4px 4px 4px 4px rgb(226, 176,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 58.5222, 51.8726, 67.9007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 176, 210) }
```

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

```
.background{ background-color: rgb(226,  
176, 210) }
```

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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