

Converting Colors

XYZ(60.5533, 50.1745, 67.2166)

Have a look what the booklet for
XYZ(60.5533, 50.1745, 67.2166)
contains.

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Color

**XYZ(60.5290, 50.1027,
67.4533)**

Conversions

Conversions Part 1

Format	Color
Hex	EEA6D2
RGB	238, 166, 210
RGB Percent	93%, 65%, 82%
CMY	0.0667, 0.3490, 0.1765
CMYK	0.00, 0.30, 0.12, 0.07
HSL	323°, 68%, 79%
HSV	323°, 30%, 93%
XYZ	60.5290, 50.1027, 67.4533
YIQ	192.5440, 28.7880, 28.9480

Conversions

Conversions Part 2

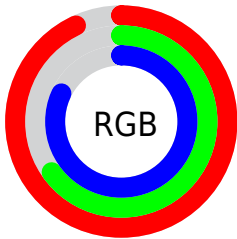
Format	Color
R _Y B	238, 166, 210
Decimal	15640274
CIE Lab	76.13, 33.05, -11.65
CIE LCh	76, 35.045, 340.590
Yxy	50.1027, 0.3399, 0.2813
Android (android.graphics.Color)	4293830354 (0xFFEEA6D2)
YUV	192.5440, 8.6058, 39.8649
Hunter-Lab	70.7833, 28.7703, -6.9525

Details

The XYZ color **60.5290, 50.1027, 67.4533** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **56.0402, 73.1526, 62.2085**, and the grayscale version is **50.3617, 52.9844, 57.7000**.

A 20% lighter version of the original color is **85.4113, 80.7226, 105.6871**, and **30.9619, 24.0343, 34.4597** is the 20% darker color. If you saturate the color by 10%, you get **55.4765, 41.7896, 60.2433**, and if you desaturate by 10%, it is **66.4517, 60.0481, 75.2836**.

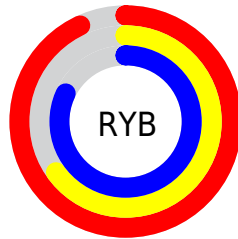
Distribution



Red (93%)

Green (65%)

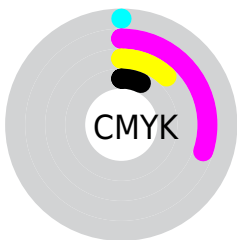
Blue (82%)



Red (93%)

Yellow (65%)

Blue (82%)

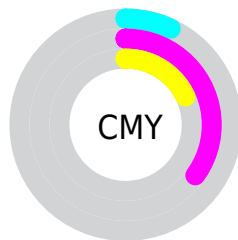


Cyan (0%)

Magenta (30%)

Yellow (12%)

Black (7%)



Cyan (7%)


Magenta (35%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.5290, 50.1027, 67.4533 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 60.5290, 50.1027, 67.4533 by changing the saturation by 10% instead.


 60.5290, 50.1027,
67.4533


 60.5290, 50.1027,
67.4533


416.3485,
387.0674, 470.1019

 44.0963, 35.4950,
48.9892


 104.6987, 90.3270,
117.2165

 30.9444, 24.0444,
34.2454


 133.1663,
116.7124, 149.3527

 20.7082, 15.3666,
22.8033


166.3762,
147.7926, 186.8833

 13.0221, 9.0771,
14.2444

204.6939,
183.9518, 230.2269

 7.5209, 4.7915,
8.1501

248.4846,
225.5745, 279.8020

 3.8391, 2.1254,
4.1020

298.1137,

 1.6115, 0.6789,

273.0450, 336.0272

1.6815

353.9465,
326.7479, 399.3210

■ 0.3999, 0.0000,
0.3480

■ 0.0000, 0.0000,
0.0000

■ 60.5290, 50.1027,
67.4533

■ 60.5290, 50.1027,
67.4533

■ 55.4765, 41.7896,
60.2433

■ 66.4517, 60.0481,
75.2836

■ 51.2444, 35.0130,
53.6299

■ 73.2822, 71.7011,
83.7504

■ 47.7845, 29.6778,
47.5918

■ 81.0609, 85.1405,
92.8730

■ 45.0417, 25.6753,
42.1049

■ 87.8128, 96.4143,
101.9982

■ 42.9526, 22.8810,
37.1421

■ 89.0703, 96.9173,
108.6202

■ 41.4422, 21.1469,
32.6722

■ 40.4050, 20.2352,
28.7421

Harmonies

Analogous

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



56.3040, 50.1027, 86.8217



60.5290, 50.1027, 67.4533



61.1197, 50.1027, 48.1829

Triad

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



60.5290, 50.1027, 67.4533



45.3414, 50.1027, 26.2024



38.6746, 50.1027, 81.5793

Complementary

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



60.5290, 50.1027, 67.4533



56.0402, 73.1526, 62.2085

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.



36.2725, 50.1027, 61.4619



60.5290, 50.1027, 67.4533



39.8802, 50.1027, 31.4719

Square

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



60.5290, 50.1027, 67.4533



51.9348, 50.1027, 27.0936



36.6926, 50.1027, 43.4127



43.5531, 50.1027, 96.1850

Rectangle

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



60.5290, 50.1027, 67.4533



59.3191, 50.1027, 38.1647



36.6926, 50.1027, 43.4127



37.5720, 50.1027, 75.0678

Sweetspot

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



60.5305, 50.1050, 67.4543



86.7567, 85.6598, 99.2101



51.2166, 44.8645, 86.8501



18.3010, 17.8733, 20.9125



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.



60.5305, 50.1050, 67.4543



67.1981, 52.6556, 73.8453



56.5770, 48.5236, 46.6358



16.1787, 15.9212, 18.4971



22.6070, 11.3152, 16.3788



1.9293, 0.9608, 1.6185

Inverse Universe

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



60.5305, 50.1050, 67.4543



67.1981, 52.6556, 73.8453



60.5289, 74.9481, 85.8462



16.1787, 15.9212, 18.4971



22.6070, 11.3152, 16.3788



1.9293, 0.9608, 1.6185

Previews

White Background



This preview shows how the XYZ color 60.5290, 50.1027, 67.4533 looks on a white background.

Color Contrast Check

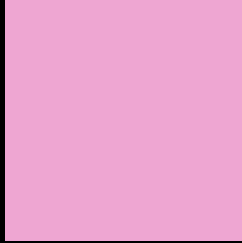
Large Text (above 18pt) WCAG AA × Fail

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 60.5290, 50.1027, 67.4533 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

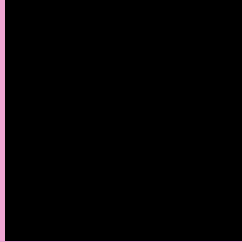
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.5290, 50.1027, 67.4533

Background



This preview shows how black text looks on a background with the XYZ color 60.5290, 50.1027, 67.4533.



This preview shows how white text looks on a background with the XYZ color 60.5290, 50.1027,

67.4533.

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

60.5290, 50.1027, 67.4533

Protanopia

49.9342, 50.2693, 76.8832

Deuteranopia

51.4847, 50.3777, 66.0418



Tritanopia

57.4756, 50.2487, 52.0171

Trichromacy



Original Color

60.5290, 50.1027, 67.4533



Protanomaly

53.1321, 49.8587, 73.1530



Deuteranomaly

54.5479, 50.1445, 66.4784



Tritanomaly

58.4057, 50.0591, 57.0361

Monochromacy



Original Color

60.5290, 50.1027, 67.4533



Achromatopsia

50.6879, 53.3276, 58.0738



Achromatomaly

53.5368, 51.5458, 61.1605

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.5290, 50.1027, 67.4533 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(238, 166, 210)` looks like.

```
.text, #text, p{  
    color:rgb(238, 166, 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(238, 166, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 166, 210) }
```

Border

The CSS property to change the border of an element to XYZ 60.5290, 50.1027, 67.4533 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(238, 166, 210) }
```


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

```
.border{ border-color:rgb(238, 166, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 166, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 166, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 166, 210);  
box-shadow:4px 4px 4px 4px rgb(238, 166,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 60.5290, 50.1027, 67.4533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 166, 210) }
```

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

```
.background{ background-color: rgb(238,  
166, 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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