

Converting Colors

XYZ(61.0545, 51.1404, 65.4323)

Have a look what the booklet for
XYZ(61.0545, 51.1404, 65.4323)
contains.

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Color

**XYZ(61.0471, 51.2317,
65.7027)**

Conversions

Conversions Part 1

Format	Color
Hex	EFA9CF
RGB	239, 169, 207
RGB Percent	94%, 66%, 81%
CMY	0.0627, 0.3372, 0.1882
CMYK	0.00, 0.29, 0.13, 0.06
HSL	327°, 69%, 80%
HSV	327°, 29%, 94%
XYZ	61.0471, 51.2317, 65.7027
YIQ	194.2620, 29.5220, 26.6580

Conversions

Conversions Part 2

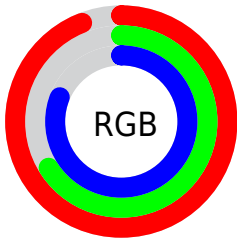
Format	Color
R _{YB}	239, 169, 207
Decimal	15706575
CIE Lab	76.82, 31.32, -8.97
CIE LCh	77, 32.577, 344.010
Yxy	51.2317, 0.3430, 0.2878
Android (android.graphics.Color)	4293896655 (0xFFEFA9CF)
YUV	194.2620, 6.2798, 39.2352
Hunter-Lab	71.5763, 26.9832, -4.3212

Details

The XYZ color **61.0471, 51.2317, 65.7027** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **57.7735, 74.3865, 66.5749**, and the grayscale version is **51.3864, 54.0624, 58.8740**.

A 20% lighter version of the original color is **86.2152, 82.3304, 105.9551**, and **31.2866, 24.7358, 33.2625** is the 20% darker color. If you saturate the color by 10%, you get **55.7108, 42.6229, 57.5599**, and if you desaturate by 10%, it is **67.2915, 61.5074, 74.6055**.

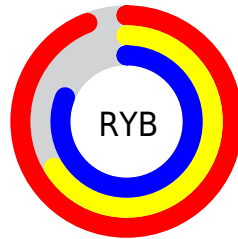
Distribution



Red (94%)

Green (66%)

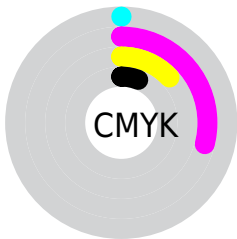
Blue (81%)



Red (94%)

Yellow (66%)

Blue (81%)

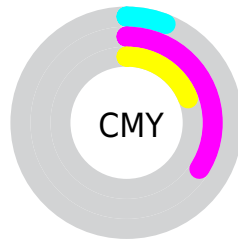


Cyan (0%)

Magenta (29%)

Yellow (13%)

Black (6%)



Cyan (6%)


Magenta (34%)


Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.0471, 51.2317, 65.7027 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 61.0471, 51.2317, 65.7027 by changing the saturation by 10% instead.


 61.0471, 51.2317,
65.7027

 61.0471, 51.2317,
65.7027


418.2198,
391.4633, 463.6880

 44.5159, 36.3930,
47.5761

 105.4449, 91.9972,
114.6825

 31.2759, 24.7379,
33.1337


134.0421,
118.6928, 146.3727

 20.9619, 15.8819,
21.9570


167.3920,
150.1095, 183.4213

 13.2085, 9.4406,
13.6273

205.8600,
186.6317, 226.2468

 7.6502, 5.0297,
7.7261

249.8115,
228.6438, 275.2676

 3.9219, 2.2647,
3.8349

299.6117,

 1.6580, 0.7549,

276.5301, 330.9024

1.5352

355.6260,
330.6752, 393.5697

■ 0.4298, 0.0000,
0.2440

■ 0.0000, 0.0000,
0.0000

■ 61.0471, 51.2317,
65.7027

■ 61.0471, 51.2317,
65.7027

■ 55.7108, 42.6229,
57.5599

■ 67.2915, 61.5074,
74.6055

■ 51.2319, 35.5847,
50.1493

■ 74.4823, 73.5256,
84.2882

■ 47.5615, 30.0215,
43.4458

■ 82.6609, 87.3659,
94.7738

■ 44.6436, 25.8244,
37.4209

■ 88.7233, 96.8175,
105.0362

■ 42.4143, 22.8691,
32.0431

■ 89.4069, 97.0909,
108.6359

■ 40.7983, 21.0086,
27.2770

■ 39.6794, 20.0135,
23.0728

■ 39.6085, 19.9555,
22.7907

Harmonies

Analogous

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



57.4348, 51.2317, 84.0453



61.0471, 51.2317, 65.7027



61.1709, 51.2317, 47.9354

Triad

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



61.0471, 51.2317, 65.7027



45.8710, 51.2317, 28.8286



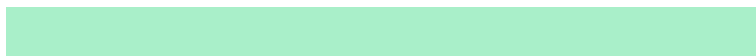
40.6305, 51.2317, 82.9561

Complementary

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



61.0471, 51.2317, 65.7027



57.7735, 74.3865, 66.5749

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.



38.0410, 51.2317, 64.4427



61.0471, 51.2317, 65.7027



40.8886, 51.2317, 34.6940

Square

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



61.0471, 51.2317, 65.7027



52.0449, 51.2317, 29.0252



38.1313, 51.2317, 46.9149



45.4905, 51.2317, 95.3565

Rectangle

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



61.0471, 51.2317, 65.7027



59.2347, 51.2317, 38.8156



38.1313, 51.2317, 46.9149



39.4847, 51.2317, 77.0886

Sweetspot

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



61.0486, 51.2340, 65.7038



86.5171, 85.5639, 97.9484



53.7233, 46.9590, 87.8945



18.2419, 17.8497, 20.6014



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.



61.0486, 51.2340, 65.7038



66.9936, 53.3068, 70.5089



57.2810, 49.7270, 45.8640



16.1317, 15.9024, 18.2497



21.9555, 11.0546, 12.9479



1.8767, 0.9397, 1.3413

Inverse Universe

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



61.0486, 51.2340, 65.7038



66.9936, 53.3068, 70.5089



62.2981, 76.1964, 90.4014



16.1317, 15.9024, 18.2497



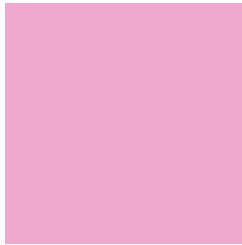
21.9555, 11.0546, 12.9479



1.8767, 0.9397, 1.3413

Previews

White Background



This preview shows how the XYZ color 61.0471, 51.2317, 65.7027 looks on a white background.

Color Contrast Check

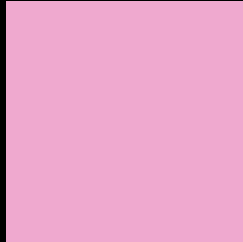
Large Text (above 18pt) WCAG AA × Fail

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 61.0471, 51.2317, 65.7027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

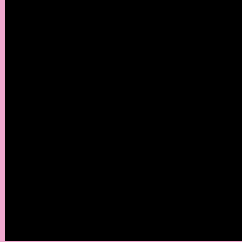
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.0471, 51.2317, 65.7027

Background



This preview shows how black text looks on a background with the XYZ color 61.0471, 51.2317, 65.7027.



This preview shows how white text looks on a background with the XYZ color 61.0471, 51.2317,

65.7027.

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

61.0471, 51.2317, 65.7027

Protanopia

50.5366, 51.2713, 74.2506

Deuteranopia

52.6052, 51.6141, 64.3167



Tritanopia

58.3986, 51.2652, 53.2716

Trichromacy



Original Color

61.0471, 51.2317, 65.7027



Protanomaly

53.6915, 50.7914, 71.2639



Deuteranomaly

55.1639, 51.0951, 64.7125



Tritanomaly

59.4152, 51.4046, 57.8295

Monochromacy



Original Color

61.0471, 51.2317, 65.7027



Achromatopsia

51.2775, 53.9479, 58.7493



Achromatomaly

54.2361, 52.5231, 61.3122

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.0471, 51.2317, 65.7027 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(239, 169, 207)` looks like.

```
.text, #text, p{  
    color:rgb(239, 169, 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(239, 169, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 169, 207) }
```

Border

The CSS property to change the border of an element to XYZ 61.0471, 51.2317, 65.7027 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(239, 169, 207) }
```


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

```
.border{ border-color:rgb(239, 169, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 169, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 169, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 169, 207);  
box-shadow:4px 4px 4px 4px rgb(239, 169,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 61.0471, 51.2317, 65.7027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 169, 207) }
```

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

```
.background{ background-color: rgb(239,  
169, 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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