

Converting Colors

XYZ(57.2161, 51.0131, 61.9468)

Have a look what the booklet for
XYZ(57.2161, 51.0131, 61.9468)
contains.

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Color

**XYZ(57.2366, 51.0457,
62.0945)**

Conversions

Conversions Part 1

Format	Color
Hex	E2AFC9
RGB	226, 175, 201
RGB Percent	89%, 69%, 79%
CMY	0.1137, 0.3137, 0.2118
CMYK	0.00, 0.23, 0.11, 0.11
HSL	329°, 47%, 79%
HSV	329°, 23%, 89%
XYZ	57.2366, 51.0457, 62.0945
YIQ	193.2130, 22.0500, 18.8980

Conversions

Conversions Part 2

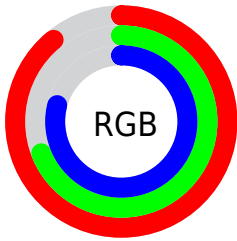
Format	Color
R _Y B	226, 175, 201
Decimal	14856137
CIE Lab	76.71, 22.63, -6.02
CIE LCh	77, 23.417, 345.115
Yxy	51.0457, 0.3359, 0.2996
Android (android.graphics.Color)	4293046217 (0xFFE2AFC9)
YUV	193.2130, 3.8390, 28.7542
Hunter-Lab	71.4463, 17.9678, -1.5170

Details

The XYZ color **57.2366, 51.0457, 62.0945** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **55.3029, 67.6781, 64.7950**, and the grayscale version is **50.7841, 53.4288, 58.1839**.

A 20% lighter version of the original color is **87.8659, 85.6318, 106.5053**, and **28.8036, 24.5717, 30.8285** is the 20% darker color. If you saturate the color by 10%, you get **51.9442, 42.4714, 54.1305**, and if you desaturate by 10%, it is **63.3621, 61.1344, 70.8012**.

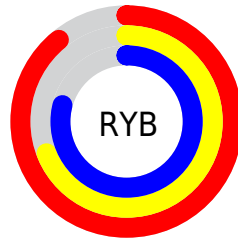
Distribution



Red (89%)

Green (69%)

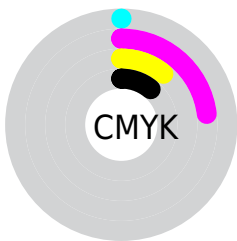
Blue (79%)



Red (89%)

Yellow (69%)

Blue (79%)

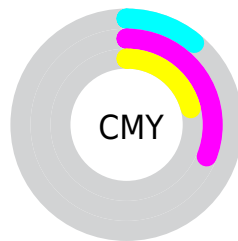


Cyan (0%)

Magenta (23%)

Yellow (11%)

Black (11%)



Cyan (11%)


Magenta (31%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.2366, 51.0457, 62.0945 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 57.2366, 51.0457, 62.0945 by changing the saturation by 10% instead.


 57.2366, 51.0457,
62.0945

 57.2366, 51.0457,
62.0945


404.3352,
390.7413, 450.2929

 41.4361, 36.2450,
44.6728

 99.9397, 91.7223,
109.4350

 28.8492, 24.6235,
30.8587


127.5730,
118.3670, 140.1909

 19.1105, 15.7967,
20.2337


159.8813,
149.7285, 176.2286

 11.8546, 9.3804,
12.3793


197.2300,
186.1911, 217.9666

 6.7162, 4.9901,
6.8769

239.9843,
228.1393, 265.8235

 3.3300, 2.2415,
3.3079

288.5098,

 1.3306, 0.7425,

275.9575, 320.2178

1.2539

343.1716,
330.0300, 381.5681

■ 0.2059, 0.0000,
0.0236

■ 0.0000, 0.0000,
0.0000

■ 57.2366, 51.0457,
62.0945

■ 57.2366, 51.0457,
62.0945

■ 51.9442, 42.4714,
54.1305

■ 63.3621, 61.1344,
70.8012

■ 47.4418, 35.3307,
46.8835

■ 70.3523, 72.7995,
80.2688

■ 43.6893, 29.5454,
40.3305

■ 78.2424, 86.1080,
90.5188

■ 40.6407, 25.0274,
34.4458

■ 83.6544, 94.3009,
100.4341

■ 38.2448, 21.6777,
29.2017

■ 85.1743, 94.9089,
108.4378

■ 36.4430, 19.3826,
24.5674

■ 35.1649, 18.0050,
20.5076

■ 34.4708, 17.4115,
17.8265

Harmonies

Analogous

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



54.8153, 51.0457, 74.6627



57.2366, 51.0457, 62.0945



57.2267, 51.0457, 49.4505

Triad

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



57.2366, 51.0457, 62.0945



46.3271, 51.0457, 35.1750



42.7436, 51.0457, 74.7470

Complementary

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



57.2366, 51.0457, 62.0945



55.3029, 67.6781, 64.7950

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.



40.7398, 51.0457, 62.1964



57.2366, 51.0457, 62.0945



42.7214, 51.0457, 40.0620

Square

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



57.2366, 51.0457, 62.0945



50.7417, 51.0457, 35.1563



40.7320, 51.0457, 49.5380



46.3591, 51.0457, 82.6894

Rectangle

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



57.2366, 51.0457, 62.0945



55.8346, 51.0457, 42.6793



40.7320, 51.0457, 49.5380



41.8692, 51.0457, 70.8492

Sweetspot

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



57.2381, 51.0480, 62.0956



88.2405, 88.5844, 99.8373



52.7855, 48.3847, 78.5093



18.7673, 18.7607, 21.2071



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.



57.2381, 51.0480, 62.0956



71.9147, 61.6747, 76.6938



54.5175, 49.9597, 47.7690



13.9974, 13.8166, 15.7563



19.7256, 9.9573, 10.4869



1.4125, 0.7083, 0.9650

Inverse Universe

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



57.2381, 51.0480, 62.0956



71.9147, 61.6747, 76.6938



58.4882, 68.9523, 81.5687



13.9974, 13.8166, 15.7563



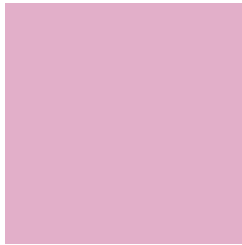
19.7256, 9.9573, 10.4869



1.4125, 0.7083, 0.9650

Previews

White Background



This preview shows how the XYZ color 57.2366, 51.0457, 62.0945 looks on a white background.

Color Contrast Check

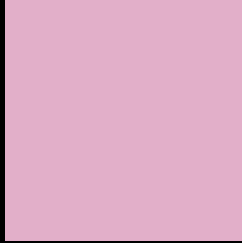
Large Text (above 18pt) WCAG AA × Fail

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 57.2366, 51.0457, 62.0945 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 57.2366, 51.0457, 62.0945

Background



This preview shows how black text looks on a background with the XYZ color 57.2366, 51.0457, 62.0945.



This preview shows how white text looks on a background with the XYZ color 57.2366, 51.0457,

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

57.2366, 51.0457, 62.0945

Protanopia

49.9854, 51.1347, 67.5571

Deuteranopia

52.3511, 51.2419, 61.1643



Tritanopia

56.0677, 51.1695, 55.6368

Trichromacy



Original Color

57.2366, 51.0457, 62.0945

Protanomaly

52.1615, 50.7407, 65.4373

Deuteranomaly

54.1006, 51.2149, 61.6776

Tritanomaly

56.3143, 50.9533, 57.9058

Monochromacy



Original Color

57.2366, 51.0457, 62.0945

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

52.6995, 52.0825, 59.4999

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.2366, 51.0457, 62.0945 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, 175, 201)` looks like.

```
.text, #text, p{  
    color:rgb(226, 175, 201)  
}
```

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, 175, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 175, 201) }
```

Border

The CSS property to change the border of an element to XYZ 57.2366, 51.0457, 62.0945 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, 175, 201) }
```


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

```
.border{ border-color:rgb(226, 175, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 175, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 175, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 175, 201);  
box-shadow:4px 4px 4px 4px rgb(226, 175,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 57.2366, 51.0457, 62.0945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 175, 201) }
```

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

```
.background{ background-color: rgb(226,  
175, 201) }
```

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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