

Converting Colors

XYZ(57.2007, 47.2290, 59.8856)

Have a look what the booklet for
XYZ(57.2007, 47.2290, 59.8856)
contains.

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Color

**XYZ(57.3146, 47.2754,
60.1371)**

Conversions

Conversions Part 1

Format	Color
Hex	EBA1C7
RGB	235, 161, 199
RGB Percent	92%, 63%, 78%
CMY	0.0784, 0.3686, 0.2196
CMYK	0.00, 0.31, 0.15, 0.08
HSL	329°, 65%, 78%
HSV	329°, 31%, 92%
XYZ	57.3146, 47.2754, 60.1371
YIQ	187.4580, 31.9060, 27.5060

Conversions

Conversions Part 2

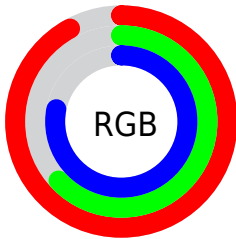
Format	Color
R _Y B	235, 161, 199
Decimal	15442375
CIE Lab	74.37, 32.91, -8.29
CIE LCh	74, 33.942, 345.862
Yxy	47.2754, 0.3479, 0.2870
Android (android.graphics.Color)	4293632455 (0xFFEBA1C7)
YUV	187.4580, 5.6902, 41.6943
Hunter-Lab	68.7571, 28.4692, -3.7269

Details

The XYZ color **57.3146, 47.2754, 60.1371** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **54.4863, 71.0262, 63.6642**, and the grayscale version is **47.4501, 49.9212, 54.3642**.

A 20% lighter version of the original color is **84.1029, 78.1057, 105.2510**, and **28.8335, 22.2344, 29.5600** is the 20% darker color. If you saturate the color by 10%, you get **52.3095, 39.3099, 52.1637**, and if you desaturate by 10%, it is **63.1940, 56.8286, 68.8951**.

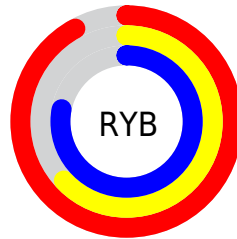
Distribution



Red (92%)

Green (63%)

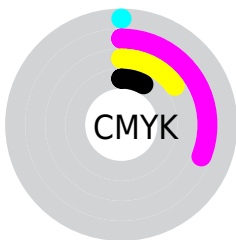
Blue (78%)



Red (92%)

Yellow (63%)

Blue (78%)

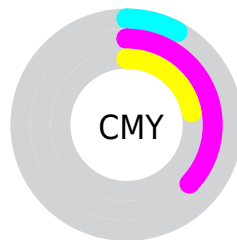


Cyan (0%)

Magenta (31%)

Yellow (15%)

Black (8%)



Cyan (8%)


Magenta (37%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.3146, 47.2754, 60.1371 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 57.3146, 47.2754, 60.1371 by changing the saturation by 10% instead.


 57.3146, 47.2754,
60.1371


 57.3146, 47.2754,
60.1371


404.6223,
375.9127, 442.9216

 41.4990, 33.2534,
43.1031


 100.0528, 86.1246,
106.5738

 28.8986, 22.3207,
29.6340


 127.7061,
111.7205, 136.8137

 19.1480, 14.0927,
19.3113


160.0360,
141.9433, 172.2926

 11.8819, 8.1852,
11.7163

197.4079,
177.1772, 213.4291

 6.7349, 4.2137,
6.4306

240.1871,
217.8068, 260.6417

 3.3417, 1.7938,
3.0357

288.7390,

 1.3370, 0.4833,

264.2163, 314.3489

1.1129

343.4289,
316.7901, 374.9694

■ 0.2106, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.3146, 47.2754,
60.1371

■ 57.3146, 47.2754,
60.1371

■ 52.3095, 39.3099,
52.1637

■ 63.1940, 56.8286,
68.8951

■ 48.1290, 32.8381,
44.9460

■ 69.9855, 68.0437,
78.4591

■ 44.7245, 27.7659,
38.4572

■ 77.7299, 80.9981,
88.8534

■ 42.0406, 23.9860,
32.6674

■ 86.4620, 95.7586,
100.0993

■ 40.0137, 21.3751,
27.5433

■ 88.0712, 96.4023,
108.5734

■ 38.5678, 19.7853,
23.0471

■ 37.6921, 19.0347,
19.6705

Harmonies

Analogous

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



53.9024, 47.2754, 78.6368



57.3146, 47.2754, 60.1371



57.2070, 47.2754, 42.8163

Triad

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



57.3146, 47.2754, 60.1371



41.7990, 47.2754, 25.4216



37.2399, 47.2754, 79.5903

Complementary

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



57.3146, 47.2754, 60.1371



54.4863, 71.0262, 63.6642

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.



34.5550, 47.2754, 61.2285



57.3146, 47.2754, 60.1371



37.0197, 47.2754, 31.4215

Square

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



57.3146, 47.2754, 60.1371



47.8646, 47.2754, 25.2582



34.4782, 47.2754, 43.6872



42.1253, 47.2754, 91.4752

Rectangle

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



57.3146, 47.2754, 60.1371



55.1420, 47.2754, 34.1744



34.4782, 47.2754, 43.6872



36.0704, 47.2754, 73.8061

Sweetspot

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



57.3160, 47.2776, 60.1381



86.4147, 85.5230, 97.4093



50.7071, 43.3292, 84.2886



18.2167, 17.8396, 20.4686



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.



57.3160, 47.2776, 60.1381



64.8515, 50.2949, 65.8720



53.5499, 45.7711, 40.3062



15.3883, 15.1832, 17.3303



21.0421, 10.6195, 11.2889



1.7009, 0.8533, 1.1424

Inverse Universe

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



57.3160, 47.2776, 60.1381



64.8515, 50.2949, 65.8720



59.2255, 72.9219, 88.6207



15.3883, 15.1832, 17.3303



21.0421, 10.6195, 11.2889



1.7009, 0.8533, 1.1424

Previews

White Background



This preview shows how the XYZ color 57.3146, 47.2754, 60.1371 looks on a white background.

Color Contrast Check

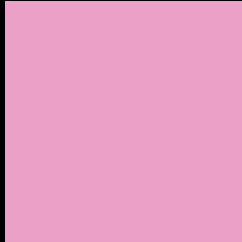
Large Text (above 18pt) WCAG AA × Fail

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 57.3146, 47.2754, 60.1371 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

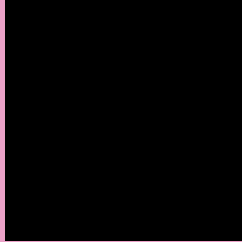
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.3146, 47.2754, 60.1371

Background



This preview shows how black text looks on a background with the XYZ color 57.3146, 47.2754, 60.1371.



This preview shows how white text looks on a background with the XYZ color 57.3146, 47.2754,

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

57.3146, 47.2754, 60.1371

Protanopia

46.9717, 47.6743, 69.0137

Deuteranopia

48.3899, 47.4284, 58.8287



Tritanopia

54.6697, 47.2404, 47.8319

Trichromacy



Original Color

57.3146, 47.2754, 60.1371



Protanomaly

49.9517, 46.9192, 65.4551



Deuteranomaly

51.4089, 47.2379, 59.2316



Tritanomaly

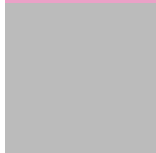
55.6367, 47.3773, 52.1113

Monochromacy



Original Color

57.3146, 47.2754, 60.1371



Achromatopsia

47.2335, 49.6933, 54.1160



Achromatomaly

50.2262, 48.4397, 55.9928

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.3146, 47.2754, 60.1371 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(235, 161, 199)` looks like.

```
.text, #text, p{  
    color:rgb(235, 161, 199)  
}
```

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(235, 161, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 161, 199) }
```

Border

The CSS property to change the border of an element to XYZ 57.3146, 47.2754, 60.1371 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(235, 161, 199) }
```


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

```
.border{ border-color:rgb(235, 161, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 161, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 161, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 161, 199);  
box-shadow:4px 4px 4px 4px rgb(235, 161,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 57.3146, 47.2754, 60.1371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 161, 199) }
```

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

```
.background{ background-color: rgb(235,  
161, 199) }
```

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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