

Converting Colors

XYZ(57.7697, 46.9409, 62.5156)

Have a look what the booklet for
XYZ(57.7697, 46.9409, 62.5156)
contains.

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Color

**XYZ(57.7697, 46.9409,
62.5156)**

Conversions

Conversions Part 1

Format	Color
Hex	EC9FCB
RGB	236, 159, 203
RGB Percent	93%, 62%, 80%
CMY	0.0745, 0.3764, 0.2039
CMYK	0.00, 0.33, 0.14, 0.07
HSL	326°, 67%, 77%
HSV	326°, 33%, 93%
XYZ	57.7697, 46.9409, 62.5156
YIQ	187.0390, 31.7680, 30.0080

Conversions

Conversions Part 2

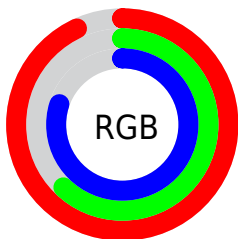
Format	Color
R _{YB}	236, 159, 203
Decimal	15507403
CIE Lab	74.15, 34.95, -10.79
CIE LCh	74, 36.579, 342.837
Yxy	46.9409, 0.3455, 0.2807
Android (android.graphics.Color)	4293697483 (0xFFEC9FCB)
YUV	187.0390, 7.8688, 42.9388
Hunter-Lab	68.5134, 30.6106, -6.1402

Details

The XYZ color **57.7697, 46.9409, 62.5156** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **53.8099, 71.1690, 60.7733**, and the grayscale version is **47.2017, 49.6599, 54.0796**.

A 20% lighter version of the original color is **83.5904, 77.0809, 105.0801**, and **29.1693, 22.0617, 31.1547** is the 20% darker color. If you saturate the color by 10%, you get **52.9260, 39.1195, 55.1468**, and if you desaturate by 10%, it is **63.4696, 56.3475, 70.5589**.

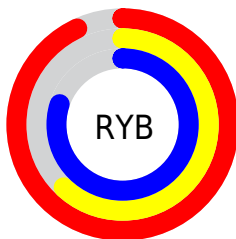
Distribution



Red (93%)

Green (62%)

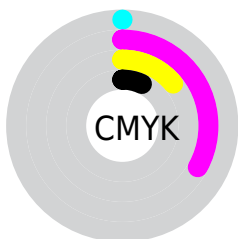
Blue (80%)



Red (93%)

Yellow (62%)

Blue (80%)

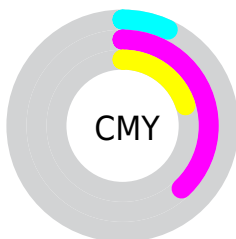


Cyan (0%)

Magenta (33%)

Yellow (14%)

Black (7%)



Cyan (7%)

Magenta (38%)

Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.7697, 46.9409, 62.5156 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 57.7697, 46.9409, 62.5156 by changing the saturation by 10% instead.


 57.7697, 46.9409,
62.5156

 57.7697, 46.9409,
62.5156


406.2949,
374.5786, 451.8688

 41.8661, 32.9889,
45.0110


 100.7123, 85.6254,
110.0492

 29.1871, 22.1180,
31.1231


 128.4820,
111.1267, 140.9152

 19.3674, 13.9436,
20.4333


160.9378,
141.2466, 177.0721

 12.0416, 8.0815,
12.5232

198.4449,
176.3695, 218.9385

 6.8444, 4.1471,
6.9742

241.3689,
216.8797, 266.9328

 3.4105, 1.7562,
3.3678

290.0750,

 1.3744, 0.4596,

263.1617, 321.4736

1.2854

344.9285,
315.5999, 382.9794

■ 0.2378, 0.0000,
0.0497

■ 0.0000, 0.0000,
0.0000

■ 57.7697, 46.9409,
62.5156

■ 57.7697, 46.9409,
62.5156

■ 52.9260, 39.1195,
55.1468

■ 63.4696, 56.3475,
70.5589

■ 48.8885, 32.7878,
48.4269

■ 70.0637, 67.4149,
79.2949

■ 45.6086, 27.8501,
42.3327

■ 77.5926, 80.2216,
88.7448

■ 43.0299, 24.1964,
36.8377

■ 86.0933, 94.8391,
98.9274

■ 41.0880, 21.7003,
31.9122

■ 88.1739, 96.4816,
107.3855

■ 39.7051, 20.2090,
27.5220

■ 88.4024, 96.5730,
108.5889

■ 38.9551, 19.5781,
24.5928

Harmonies

Analogous

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



53.7425, 46.9409, 82.4001



57.7697, 46.9409, 62.5156



58.0627, 46.9409, 43.5055

Triad

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



57.7697, 46.9409, 62.5156



41.8747, 46.9409, 23.3834



35.9998, 46.9409, 79.7799

Complementary

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



57.7697, 46.9409, 62.5156



53.8099, 71.1690, 60.7733

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.



33.4242, 46.9409, 59.5542



57.7697, 46.9409, 62.5156



36.5859, 46.9409, 28.9538

Square

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



57.7697, 46.9409, 62.5156



48.4382, 46.9409, 23.8045



33.6277, 46.9409, 41.1847



41.0002, 46.9409, 93.9217

Rectangle

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



57.7697, 46.9409, 62.5156



56.0618, 46.9409, 33.9347



33.6277, 46.9409, 41.1847



34.8447, 46.9409, 73.2805

Sweetspot

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



57.7711, 46.9431, 62.5166



85.7378, 84.1117, 97.3606



49.0473, 41.9420, 84.8681



18.0910, 17.5621, 20.5070



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.



57.7711, 46.9431, 62.5166



64.9843, 49.6587, 68.6964



53.8215, 45.3632, 41.7182



15.4262, 15.1983, 17.5294



21.5387, 10.8182, 13.9043



1.7393, 0.8687, 1.3448

Inverse Universe

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



57.7711, 46.9431, 62.5166



64.9843, 49.6587, 68.6964



58.5196, 73.0528, 85.5738



15.4262, 15.1983, 17.5294



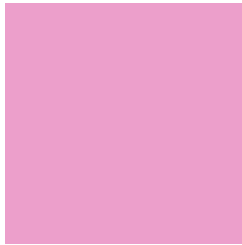
21.5387, 10.8182, 13.9043



1.7393, 0.8687, 1.3448

Previews

White Background



This preview shows how the XYZ color 57.7697, 46.9409, 62.5156 looks on a white background.

Color Contrast Check

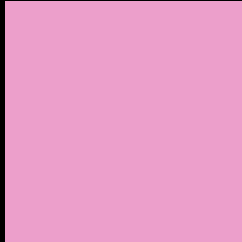
Large Text (above 18pt) WCAG AA × Fail

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 57.7697, 46.9409, 62.5156 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 57.7697, 46.9409, 62.5156

Background



This preview shows how black text looks on a background with the XYZ color 57.7697, 46.9409, 62.5156.



This preview shows how white text looks on a background with the XYZ color 57.7697, 46.9409,

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

57.7697, 46.9409, 62.5156

Protanopia

46.7275, 47.1715, 72.2878

Deuteranopia

48.3380, 47.3484, 61.2350



Tritanopia

54.7162, 47.0091, 47.2641

Trichromacy



Original Color

57.7697, 46.9409, 62.5156



Protanomaly

49.8532, 46.5109, 68.6373



Deuteranomaly

51.4000, 46.8982, 61.6015



Tritanomaly

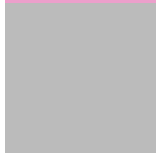
55.7149, 46.8783, 52.5663

Monochromacy



Original Color

57.7697, 46.9409, 62.5156



Achromatopsia

47.2335, 49.6933, 54.1160



Achromatomaly

50.5246, 48.2737, 57.1069

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.7697, 46.9409, 62.5156 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(236, 159, 203)` looks like.

```
.text, #text, p{  
    color:rgb(236, 159, 203)  
}
```

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(236, 159, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 159, 203) }
```

Border

The CSS property to change the border of an element to XYZ 57.7697, 46.9409, 62.5156 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(236, 159, 203) }
```


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

```
.border{ border-color:rgb(236, 159, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 159, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 159, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 159, 203);  
box-shadow:4px 4px 4px 4px rgb(236, 159,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 57.7697, 46.9409, 62.5156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 159, 203) }
```

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

```
.background{ background-color: rgb(236,  
159, 203) }
```

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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