

Converting Colors

XYZ(62.3910, 50.2172, 84.6958)

Have a look what the booklet for
XYZ(62.3910, 50.2172, 84.6958)
contains.

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Color

**XYZ(62.5318, 50.2112,
84.9932)**

Conversions

Conversions Part 1

Format	Color
Hex	EBA4EB
RGB	235, 164, 235
RGB Percent	92%, 64%, 92%
CMY	0.0784, 0.3568, 0.0784
CMYK	0.00, 0.30, 0.00, 0.08
HSL	300°, 64%, 78%
HSV	300°, 30%, 92%
XYZ	62.5318, 50.2112, 84.9932
YIQ	193.3230, 19.5250, 37.1330

Conversions

Conversions Part 2

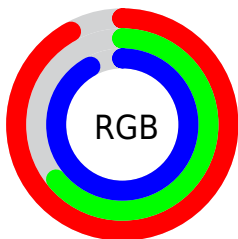
Format	Color
R _Y B	235, 164, 235
Decimal	15443179
CIE _{Lab}	76.20, 37.46, -25.19
CIE _{LCh}	76, 45.140, 326.085
Y _{xy}	50.2112, 0.3162, 0.2539
Android (android.graphics.Color)	4293633259 (0xFFEBA4EB)
YUV	193.3230, 20.5468, 36.5507
Hunter-Lab	70.8599, 33.5164, -21.5138

Details

The XYZ color **62.5318, 50.2112, 84.9932** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **51.7211, 69.9912, 45.9084**, and the grayscale version is **50.7547, 53.3979, 58.1503**.

A 20% lighter version of the original color is **84.8832, 79.6664, 105.5111**, and **32.1812, 24.0885, 45.6012** is the 20% darker color. If you saturate the color by 10%, you get **58.7090, 42.5647, 83.7193**, and if you desaturate by 10%, it is **67.1348, 59.4161, 86.5282**.

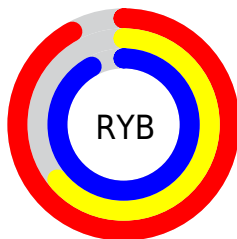
Distribution



Red (92%)

Green (64%)

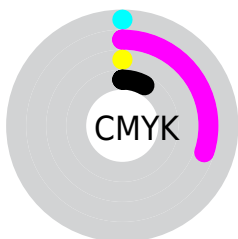
Blue (92%)



Red (92%)

Yellow (64%)

Blue (92%)

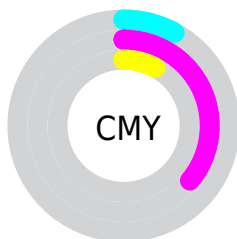


Cyan (0%)

Magenta (30%)

Yellow (0%)

Black (8%)



Cyan (8%)


Magenta (36%)


Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.5318, 50.2112, 84.9932 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 62.5318, 50.2112, 84.9932 by changing the saturation by 10% instead.


 62.5318, 50.2112,
84.9932


 62.5318, 50.2112,
84.9932


423.5550,
387.4913, 531.7496

 45.7198, 35.5812,
63.2856

 107.5794, 90.4877,
142.2378

 32.2284, 24.1110,
45.6298


 136.5456,
116.9031, 178.6118

 21.6924, 15.4159,
31.6073


170.2940,
148.0157, 220.7118

 13.7464, 9.1118,
20.7994

209.1898,
184.2099, 268.9563

 8.0250, 4.8142,
12.7876

253.5985,
225.8702, 323.7638

 4.1629, 2.1387,
7.1535

303.8853,

 1.7947, 0.6862,

273.3809, 385.5528

3.4784

360.4157,
327.1265, 454.7419

■ 0.5145, 0.0000,
1.3438

■ 0.0000, 0.0000,
0.0973

■ 62.5318, 50.2112,
84.9932

■ 62.5318, 50.2112,
84.9932

■ 58.7090, 42.5647,
83.7193

■ 67.1348, 59.4161,
86.5282

■ 55.6188, 36.3843,
82.6891


■ 72.5527, 70.2519,
88.3344


■ 53.2157, 31.5782,
81.8879


■ 78.8241, 82.7946,
90.4250


■ 51.4473, 28.0415,
81.2983


■ 85.0171, 95.1807,
92.4895


 50.2537, 25.6542,
80.9002


 85.0172, 95.1807,
92.4897


 49.5633, 24.2735,
80.6700

 85.0172, 95.1807,
92.4898

 49.2568, 23.6606,
80.5676

 85.0172, 95.1807,
92.4900

 85.0173, 95.1808,
92.4902

 85.0173, 95.1808,
92.4903

Harmonies

Analogous

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



55.2378, 50.2112, 108.0772



62.5318, 50.2112, 84.9932



65.8566, 50.2112, 57.9137

Triad

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



62.5318, 50.2112, 84.9932



48.8433, 50.2112, 20.1266



34.5577, 50.2112, 77.8133

Complementary

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



62.5318, 50.2112, 84.9932



51.7211, 69.9912, 45.9084

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.



33.2690, 50.2112, 51.5525



62.5318, 50.2112, 84.9932



40.9249, 50.2112, 22.6026

Square

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



62.5318, 50.2112, 84.9932



57.3853, 50.2112, 24.4138



35.4609, 50.2112, 32.5846



39.2133, 50.2112, 103.1449

Rectangle

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



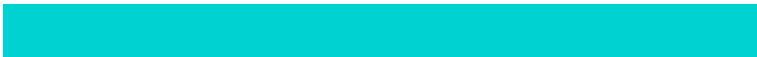
62.5318, 50.2112, 84.9932



65.1174, 50.2112, 42.7564



35.4609, 50.2112, 32.5846



33.7419, 50.2112, 68.6169

Sweetspot

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



62.5334, 50.2134, 84.9943



88.1607, 86.2214, 106.6034



43.5829, 40.4441, 84.1079



18.6488, 18.0124, 22.7438



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.



62.5334, 50.2134, 84.9943



72.4226, 54.7454, 101.3568



57.9052, 48.3621, 60.6226



15.7149, 15.3138, 19.0498



27.4132, 13.1680, 44.8389



2.1526, 1.0340, 3.5209

Inverse Universe

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



62.5334, 50.2134, 84.9943



72.4226, 54.7454, 101.3568



55.3871, 71.4576, 65.2132



15.7149, 15.3138, 19.0498



27.4132, 13.1680, 44.8389



2.1526, 1.0340, 3.5209

Previews

White Background



This preview shows how the XYZ color 62.5318, 50.2112, 84.9932 looks on a white background.

Color Contrast Check

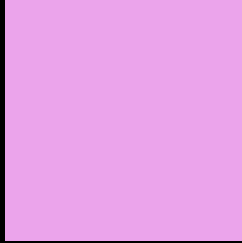
Large Text (above 18pt) WCAG AA × Fail

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 62.5318, 50.2112, 84.9932 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

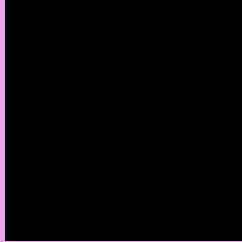
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.5318, 50.2112, 84.9932

Background



This preview shows how black text looks on a background with the XYZ color 62.5318, 50.2112, 84.9932.



This preview shows how white text looks on a background with the XYZ color 62.5318, 50.2112,

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

62.5318, 50.2112, 84.9932

Protanopia

51.5491, 50.6289, 98.3222

Deuteranopia

51.5719, 50.3648, 82.6046



Tritanopia

55.9081, 49.9690, 53.7120

Trichromacy



Original Color

62.5318, 50.2112, 84.9932



Protanomaly

54.6500, 49.9027, 93.1380



Deuteranomaly

54.9162, 49.9670, 83.0941



Tritanomaly

58.2288, 50.0980, 63.7276

Monochromacy



Original Color

62.5318, 50.2112, 84.9932



Achromatopsia

50.6879, 53.3276, 58.0738



Achromatomaly

54.1255, 51.4199, 66.7468

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.5318, 50.2112, 84.9932 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, 164, 235)` looks like.

```
.text, #text, p{  
    color:rgb(235, 164, 235)  
}
```

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, 164, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 164, 235) }
```

Border

The CSS property to change the border of an element to XYZ 62.5318, 50.2112, 84.9932 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, 164, 235) }
```


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

```
.border{ border-color:rgb(235, 164, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 164, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 164, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 164, 235);  
box-shadow:4px 4px 4px 4px rgb(235, 164,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 62.5318, 50.2112, 84.9932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 164, 235) }
```

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

```
.background{ background-color: rgb(235,  
164, 235) }
```

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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