

Converting Colors

XYZ(63.6119, 53.6906, 84.4962)

Have a look what the booklet for
XYZ(63.6119, 53.6906, 84.4962)
contains.

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Color

**XYZ(63.5916, 53.5363,
84.8238)**

Conversions

Conversions Part 1

Format	Color
Hex	E9AEEA
RGB	233, 174, 234
RGB Percent	91%, 68%, 92%
CMY	0.0863, 0.3176, 0.0823
CMYK	0.00, 0.26, 0.00, 0.08
HSL	299°, 59%, 80%
HSV	299°, 26%, 92%
XYZ	63.5916, 53.5363, 84.8238
YIQ	198.4810, 15.9040, 31.1680

Conversions

Conversions Part 2

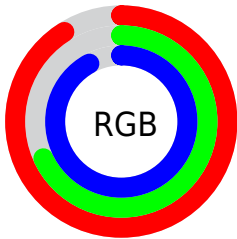
Format	Color
R_{YB}	233, 174, 234
Decimal	15314666
CIE _{Lab}	78.19, 31.32, -21.63
CIE _{LCh}	78, 38.061, 325.368
Yxy	53.5363, 0.3149, 0.2651
Android (android.graphics.Color)	4293504746 (0xFFE9AEEA)
YUV	198.4810, 17.5109, 30.2732
Hunter-Lab	73.1685, 27.0915, -17.5166

Details

The XYZ color **63.5916, 53.5363, 84.8238** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **54.7439, 71.0170, 50.8695**, and the grayscale version is **53.8605, 56.6655, 61.7087**.

A 20% lighter version of the original color is **87.5868, 85.0736, 106.4123**, and **33.0047, 26.2362, 45.4440** is the 20% darker color. If you saturate the color by 10%, you get **59.3322, 45.2053, 83.4410**, and if you desaturate by 10%, it is **68.6421, 63.4471, 86.4714**.

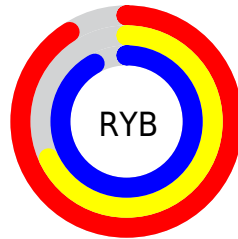
Distribution



Red (91%)

Green (68%)

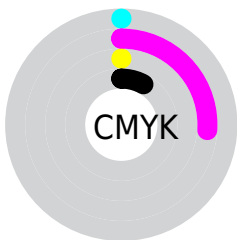
Blue (92%)



Red (91%)

Yellow (68%)

Blue (92%)

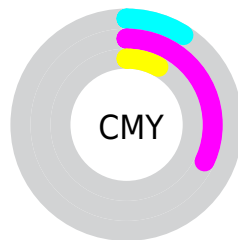


Cyan (0%)

Magenta (26%)

Yellow (0%)

Black (8%)



Cyan (9%)


Magenta (32%)


Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.5916, 53.5363, 84.8238 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 63.5916, 53.5363, 84.8238 by changing the saturation by 10% instead.


 63.5916, 53.5363,
84.8238

 63.5916, 53.5363,
84.8238


427.3390,
400.3393, 531.1742

 46.5804, 38.2311,
63.1465


 109.0996, 95.3931,
141.9989

 32.9106, 26.1621,
45.5180


138.3271,
122.7134, 178.3339

 22.2169, 16.9449,
31.5197


172.3575,
154.8075, 220.3917

 14.1339, 10.1952,
20.7331

211.5560,
192.0599, 268.5911

 8.2962, 5.5286,
12.7397

256.2880,
234.8548, 323.3505

 4.3384, 2.5606,
7.1210

306.9190,

 1.8953, 0.9069,

283.5768, 385.0884

3.4583

363.8142,
338.6102, 454.2235

■ 0.5741, 0.0000,
1.3331

■ 0.0000, 0.0000,
0.0887

■ 63.5916, 53.5363,
84.8238

■ 63.5916, 53.5363,
84.8238

■ 59.3322, 45.2053,
83.4410

■ 68.6421, 63.4471,
86.4714

■ 55.8181, 38.3653,
82.3060

■ 74.5165, 75.0063,
88.3929

■ 53.0063, 32.9297,
81.4050

■ 81.2519, 88.2872,
90.6014

■ 50.8477, 28.7999,
80.7217

■ 84.7276, 95.0481,
91.7232

49.2866, 25.8649,
80.2374

84.8561, 95.1144,
91.7292

48.2583, 23.9949,
79.9307

84.9850, 95.1808,
91.7352

47.6828, 23.0302,
79.7748

85.1141, 95.2474,
91.7413

47.5174, 22.7805,
79.7353

85.2435, 95.3141,
91.7473

85.3732, 95.3809,
91.7534

Harmonies

Analogous

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



57.2655, 53.5363, 103.7211



63.5916, 53.5363, 84.8238



66.5231, 53.5363, 61.6645

Triad

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



63.5916, 53.5363, 84.8238



52.0490, 53.5363, 26.2404



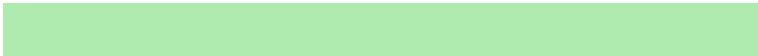
39.0182, 53.5363, 77.6736

Complementary

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



63.5916, 53.5363, 84.8238



54.7439, 71.0170, 50.8695

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.



37.9119, 53.5363, 55.0446



63.5916, 53.5363, 84.8238



44.9963, 53.5363, 28.5476

Square

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



63.5916, 53.5363, 84.8238



59.4585, 53.5363, 30.6537



39.9943, 53.5363, 37.9646



43.1774, 53.5363, 98.9369

Rectangle

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



63.5916, 53.5363, 84.8238



65.9687, 53.5363, 48.0906



39.9943, 53.5363, 37.9646



38.2953, 53.5363, 69.8426

Sweetspot

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



63.5933, 53.5386, 84.8249



88.7590, 87.6035, 106.8388



47.6392, 45.6019, 84.1339



18.7610, 18.2840, 22.7903



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.



63.5933, 53.5386, 84.8249



74.3226, 59.2621, 102.1292



60.0889, 52.1747, 64.6633



15.6886, 15.3002, 19.0486



26.7134, 12.8072, 44.8070



2.1056, 1.0098, 3.5188

Inverse Universe

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



56.8075, 50.8621, 47.3833



64.7180, 55.4760, 49.0316



57.6598, 72.1575, 67.3908



15.0757, 15.0581, 15.6837



19.0843, 9.8364, 0.9794



1.5022, 0.7738, 0.0958

Previews

White Background



This preview shows how the XYZ color 63.5916, 53.5363, 84.8238 looks on a white background.

Color Contrast Check

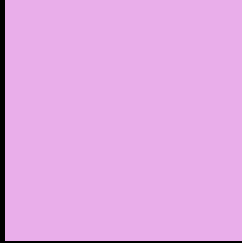
Large Text (above 18pt) WCAG AA × Fail

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 63.5916, 53.5363, 84.8238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

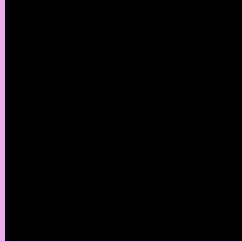
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.5916, 53.5363, 84.8238

Background



This preview shows how black text looks on a background with the XYZ color 63.5916, 53.5363, 84.8238.



This preview shows how white text looks on a background with the XYZ color 63.5916, 53.5363,

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

63.5916, 53.5363, 84.8238

Protanopia

54.3066, 54.0564, 94.7604

Deuteranopia

54.8695, 53.6340, 83.0618



Tritanopia

58.3691, 53.4819, 58.8764

Trichromacy



Original Color

63.5916, 53.5363, 84.8238



Protanomaly

56.9292, 53.2508, 91.2824



Deuteranomaly

57.7184, 53.5171, 83.6317



Tritanomaly

60.0621, 53.2672, 67.4376

Monochromacy



Original Color

63.5916, 53.5363, 84.8238



Achromatopsia

53.6758, 56.4712, 61.4971



Achromatomaly

56.8194, 54.9472, 69.2392

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.5916, 53.5363, 84.8238 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(233, 174, 234)` looks like.

```
.text, #text, p{  
    color:rgb(233, 174, 234)  
}
```

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(233, 174, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 174, 234) }
```

Border

The CSS property to change the border of an element to XYZ 63.5916, 53.5363, 84.8238 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(233, 174, 234) }
```


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

```
.border{ border-color:rgb(233, 174, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 174, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 174, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 174, 234);  
box-shadow:4px 4px 4px 4px rgb(233, 174,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 63.5916, 53.5363, 84.8238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 174, 234) }
```

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

```
.background{ background-color: rgb(233,  
174, 234) }
```

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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