

Converting Colors

XYZ(63.4049, 52.6517, 85.1156)

Have a look what the booklet for
XYZ(63.4049, 52.6517, 85.1156)
contains.

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Color

**XYZ(63.4900, 52.6164,
85.4070)**

Conversions

Conversions Part 1

Format	Color
Hex	EAABEB
RGB	234, 171, 235
RGB Percent	92%, 67%, 92%
CMY	0.0823, 0.3294, 0.0784
CMYK	0.00, 0.27, 0.00, 0.08
HSL	299°, 62%, 80%
HSV	299°, 27%, 92%
XYZ	63.4900, 52.6164, 85.4070
YIQ	197.1330, 17.0040, 33.2600

Conversions

Conversions Part 2

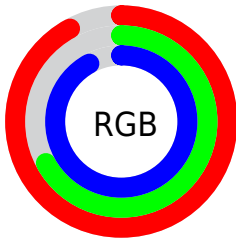
Format	Color
R_{YB}	234, 171, 235
Decimal	15379435
CIE _{Lab}	77.65, 33.42, -22.99
CIE _{LCh}	78, 40.564, 325.482
Yxy	52.6164, 0.3151, 0.2611
Android (android.graphics.Color)	4293569515 (0xFFEAABEB)
YUV	197.1330, 18.6684, 32.3324
Hunter-Lab	72.5372, 29.2966, -19.0335

Details

The XYZ color **63.4900, 52.6164, 85.4070** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **54.0741, 71.1289, 49.4099**, and the grayscale version is **53.0363, 55.7983, 60.7643**.

A 20% lighter version of the original color is **86.7591, 83.4182, 106.1364**, and **32.7466, 25.5587, 45.8552** is the 20% darker color. If you saturate the color by 10%, you get **59.3198, 44.4537, 84.0520**, and if you desaturate by 10%, it is **68.4528, 62.3620, 87.0273**.

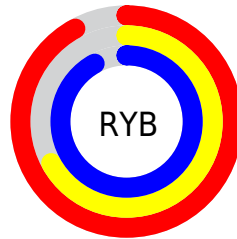
Distribution



Red (92%)

Green (67%)

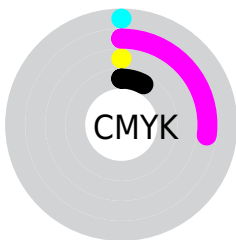
Blue (92%)



Red (92%)

Yellow (67%)

Blue (92%)

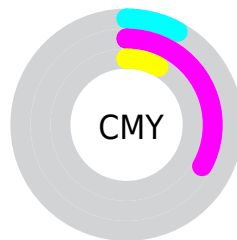


Cyan (0%)

Magenta (27%)

Yellow (0%)

Black (8%)



Cyan (8%)


Magenta (33%)


Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.4900, 52.6164, 85.4070 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 63.4900, 52.6164, 85.4070 by changing the saturation by 10% instead.


 63.4900, 52.6164,
85.4070

 63.4900, 52.6164,
85.4070


426.9771,
396.8117, 533.1535

 46.4979, 37.4966,
63.6256

 108.9540, 94.0397,
142.8209

 32.8452, 25.5922,
45.9033


138.1565,
121.1120, 179.2905

 22.1665, 16.5188,
31.8214


172.1599,
152.9372, 221.4933

 14.0966, 9.8920,
20.9614

211.3295,
189.8998, 269.8477

 8.2700, 5.3274,
12.9048

256.0307,
232.3842, 324.7725

 4.3215, 2.4406,
7.2331

306.6288,

 1.8856, 0.8467,

280.7747, 386.6860

3.5277

363.4891,
335.4557, 456.0068

■ 0.5684, 0.0000,
1.3700

■ 0.0000, 0.0000,
0.1181

■ 63.4900, 52.6164,
85.4070

■ 63.4900, 52.6164,
85.4070

■ 59.3198, 44.4537,
84.0520

■ 68.4528, 62.3620,
87.0273

■ 55.8955, 37.7835,
82.9450

■ 74.2421, 73.7610,
88.9224

■ 53.1731, 32.5166,
82.0719

■ 80.8956, 86.8882,
91.1055

■ 51.1019, 28.5519,
81.4158

■ 85.1718, 95.2604,
92.4961

49.6246, 25.7744,
80.9575

85.2934, 95.3231,
92.5018

48.6736, 24.0493,
80.6747

85.4153, 95.3860,
92.5075

48.1609, 23.2004,
80.5378

85.5374, 95.4489,
92.5133

48.0574, 23.0422,
80.5128

85.6598, 95.5120,
92.5190

85.7825, 95.5753,
92.5247

Harmonies

Analogous

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



56.7814, 52.6164, 105.7774



63.4900, 52.6164, 85.4070



66.5964, 52.6164, 60.7592

Triad

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



63.4900, 52.6164, 85.4070



51.2073, 52.6164, 24.1258



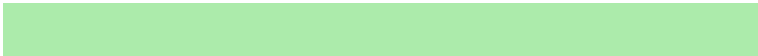
37.5974, 52.6164, 77.9478

Complementary

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



63.4900, 52.6164, 85.4070



54.0741, 71.1289, 49.4099

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.



36.4356, 52.6164, 53.9561



63.4900, 52.6164, 85.4070



43.8001, 52.6164, 26.4833

Square

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



63.4900, 52.6164, 85.4070



59.0496, 52.6164, 28.5691



38.5878, 52.6164, 36.1403



41.9441, 52.6164, 100.7408

Rectangle

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



63.4900, 52.6164, 85.4070



65.9928, 52.6164, 46.5197



38.5878, 52.6164, 36.1403



36.8422, 52.6164, 69.6069

Sweetspot

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



63.4916, 52.6187, 85.4081



88.7668, 87.6075, 106.8392



46.5575, 44.1891, 84.6736



18.7630, 18.2851, 22.7904



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.



63.4916, 52.6187, 85.4081



73.3427, 57.3008, 101.8023



59.7327, 51.1531, 63.8959



15.6902, 15.3011, 19.0487



26.7568, 12.8296, 44.8091



2.1085, 1.0113, 3.5189

Inverse Universe

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



56.2720, 49.7689, 45.6726



63.2368, 53.3141, 46.0702



57.1575, 72.3370, 66.7877



15.0750, 15.0579, 15.6804



19.0833, 9.8360, 0.9739



1.5019, 0.7737, 0.0942

Previews

White Background



This preview shows how the XYZ color 63.4900, 52.6164, 85.4070 looks on a white background.

Color Contrast Check

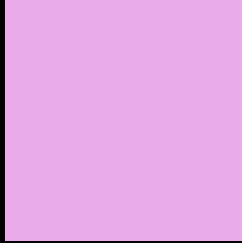
Large Text (above 18pt) WCAG AA × Fail

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 63.4900, 52.6164, 85.4070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

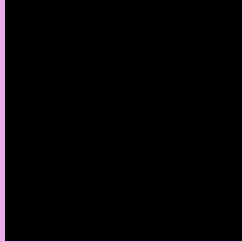
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.4900, 52.6164, 85.4070

Background



This preview shows how black text looks on a background with the XYZ color 63.4900, 52.6164, 85.4070.



This preview shows how white text looks on a background with the XYZ color 63.4900, 52.6164,

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

63.4900, 52.6164, 85.4070

Protanopia

53.6438, 53.0136, 97.0278

Deuteranopia

54.0346, 52.8690, 83.7007



Tritanopia

57.7406, 52.5844, 57.5586

Trichromacy



Original Color

63.4900, 52.6164, 85.4070



Protanomaly

56.5513, 52.4044, 92.7224



Deuteranomaly

57.1681, 52.6045, 84.2314



Tritanomaly

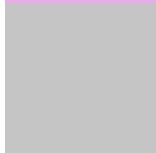
59.5436, 52.4277, 66.6558

Monochromacy



Original Color

63.4900, 52.6164, 85.4070



Achromatopsia

53.0703, 55.8340, 60.8033



Achromatomaly

56.3194, 54.3712, 69.1544

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.4900, 52.6164, 85.4070 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(234, 171, 235)` looks like.

```
.text, #text, p{  
    color:rgb(234, 171, 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(234, 171, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 171, 235) }
```

Border

The CSS property to change the border of an element to XYZ 63.4900, 52.6164, 85.4070 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(234, 171, 235) }
```


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

```
.border{ border-color:rgb(234, 171, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 171, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 171, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 171, 235);  
box-shadow:4px 4px 4px 4px rgb(234, 171,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 63.4900, 52.6164, 85.4070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 171, 235) }
```

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

```
.background{ background-color: rgb(234,  
171, 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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