

Converting Colors

XYZ(63.9561, 52.6262, 81.7628)

Have a look what the booklet for
XYZ(63.9561, 52.6262, 81.7628)
contains.

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Color

**XYZ(63.9175, 52.6398,
81.6546)**

Conversions

Conversions Part 1

Format	Color
Hex	EEAAE6
RGB	238, 170, 230
RGB Percent	93%, 67%, 90%
CMY	0.0667, 0.3333, 0.0980
CMYK	0.00, 0.29, 0.03, 0.07
HSL	307°, 67%, 80%
HSV	307°, 29%, 93%
XYZ	63.9175, 52.6398, 81.6546
YIQ	197.1720, 21.2680, 33.0760

Conversions

Conversions Part 2

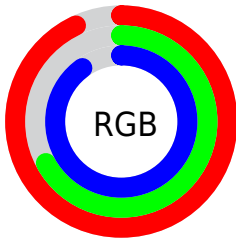
Format	Color
R _{YB}	238, 170, 230
Decimal	15641318
CIE _{Lab}	77.66, 34.34, -20.22
CIE _{LCh}	78, 39.853, 329.511
Y _{xy}	52.6398, 0.3225, 0.2656
Android (android.graphics.Color)	4293831398 (0xFFEEAAE6)
Y _{UV}	197.1720, 16.1842, 35.8062
Hunter-Lab	72.5533, 30.2854, -15.9402

Details

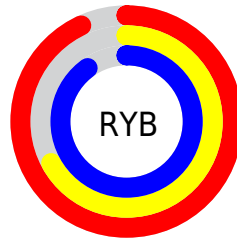
The XYZ color **63.9175, 52.6398, 81.6546** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **55.1901, 72.9110, 53.2869**, and the grayscale version is **53.0725, 55.8364, 60.8059**.

A 20% lighter version of the original color is **86.4864, 82.8727, 106.0455**, and **33.0573, 25.6023, 43.2438** is the 20% darker color. If you saturate the color by 10%, you get **59.4637, 44.3557, 78.2459**, and if you desaturate by 10%, it is **69.1884, 62.5463, 85.3680**.

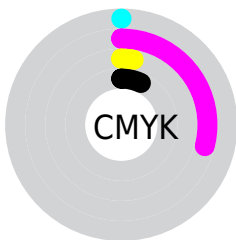
Distribution



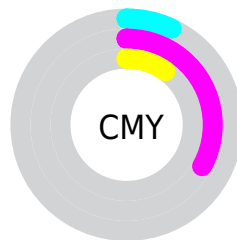
- Red (93%)
- Green (67%)
- Blue (90%)



- Red (93%)
- Yellow (67%)
- Blue (90%)



- Cyan (0%)
- Magenta (29%)
- Yellow (3%)
- Black (7%)



- Cyan (7%)
- Magenta (33%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.9175, 52.6398, 81.6546 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 63.9175, 52.6398, 81.6546 by changing the saturation by 10% instead.

63.9175, 52.6398,
81.6546

63.9175, 52.6398,
81.6546

428.4986,
396.9016, 520.3447

46.8453, 37.5153,
60.5467

109.5665, 94.0741,
137.5219

33.1208, 25.6067,
43.4313

138.8740,
121.1527, 173.1183

22.3787, 16.5297,
29.8897

172.9907,
152.9849, 214.3814

14.2536, 9.8997,
19.5036

212.2818,
189.9549, 261.7296

8.3801, 5.3325,
11.8542

257.1129,
232.4471, 315.5815

4.3930, 2.4437,
6.5232

307.8491,

1.9268, 0.8482,

280.8461, 376.3556

3.0918

364.8559,
335.5361, 444.4705

■ 0.5923, 0.0000,
1.1417

■ 0.0000, 0.0000,
0.0000

■ 63.9175, 52.6398,
81.6546

■ 63.9175, 52.6398,
81.6546

■ 59.4637, 44.3557,
78.2459

■ 69.1884, 62.5463,
85.3680

■ 55.7786, 37.5998,
75.1238

■ 75.3121, 74.1490,
89.3965

■ 52.8161, 32.2789,
72.2735

■ 82.3276, 87.5252,
93.7536

■ 50.5230, 28.2871,
69.6770

■ 86.9276, 96.0603,
97.3372

48.8390, 25.5033,
67.3142

87.3497, 96.2291,
99.5599

47.6925, 23.7849,
65.1610

87.7783, 96.4005,
101.8167

46.9799, 22.9243,
63.1827

88.2133, 96.5746,
104.1075

46.8930, 22.8304,
62.9072

88.6549, 96.7512,
106.4328

89.0703, 96.9173,
108.6202

Harmonies

Analogous

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



57.6918, 52.6398, 102.7441



63.9175, 52.6398, 81.6546



66.3596, 52.6398, 57.6790

Triad

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



63.9175, 52.6398, 81.6546



50.1592, 52.6398, 24.4930



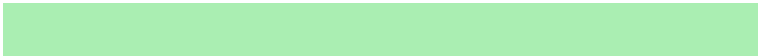
38.2140, 52.6398, 80.8623

Complementary

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



63.9175, 52.6398, 81.6546



55.1901, 72.9110, 53.2869

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.



36.6306, 52.6398, 56.9541



63.9175, 52.6398, 81.6546



43.0831, 52.6398, 27.7501

Square

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



63.9175, 52.6398, 81.6546



57.9332, 52.6398, 27.9742



38.3198, 52.6398, 38.3688



42.8850, 52.6398, 102.2101

Rectangle

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



63.9175, 52.6398, 81.6546



65.3384, 52.6398, 44.2795



38.3198, 52.6398, 38.3688



37.3257, 52.6398, 72.6883

Sweetspot

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



63.9191, 52.6421, 81.6557



87.7289, 86.0487, 104.3300



48.1545, 44.3824, 86.9184



18.5415, 17.9695, 22.1791



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.



63.9191, 52.6421, 81.6557



71.7489, 55.9565, 93.2447



59.6079, 50.9176, 58.9531



16.3695, 15.9975, 19.5020



26.1929, 12.7496, 35.2620



2.2015, 1.0696, 3.0517

Inverse Universe

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



63.9191, 52.6421, 81.6557



71.7489, 55.9565, 93.2447



59.0293, 74.4466, 73.5036



16.3695, 15.9975, 19.5020



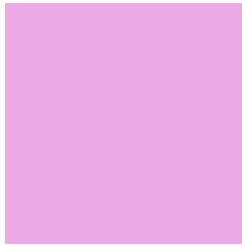
26.1929, 12.7496, 35.2620



2.2015, 1.0696, 3.0517

Previews

White Background



This preview shows how the XYZ color 63.9175, 52.6398, 81.6546 looks on a white background.

Color Contrast Check

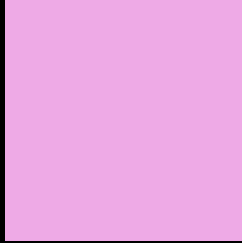
Large Text (above 18pt) WCAG AA × Fail

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 63.9175, 52.6398, 81.6546 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

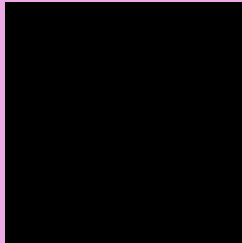
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.9175, 52.6398, 81.6546

Background



This preview shows how black text looks on a background with the XYZ color 63.9175, 52.6398, 81.6546.



This preview shows how white text looks on a background with the XYZ color 63.9175, 52.6398,

81.6546.

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

63.9175, 52.6398, 81.6546

Protanopia

53.3330, 52.9423, 92.9959

Deuteranopia

54.0965, 52.9818, 80.0484



Tritanopia

58.7304, 52.5295, 56.3340

Trichromacy



Original Color

63.9175, 52.6398, 81.6546



Protanomaly

56.3329, 52.3783, 88.8023



Deuteranomaly

57.1058, 52.3508, 80.4937



Tritanomaly

60.4164, 52.3420, 64.6763

Monochromacy



Original Color

63.9175, 52.6398, 81.6546



Achromatopsia

53.0703, 55.8340, 60.8033



Achromatomaly

56.4303, 54.1411, 67.7977

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.9175, 52.6398, 81.6546 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(238, 170, 230)` looks like.

```
.text, #text, p{  
    color:rgb(238, 170, 230)  
}
```

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(238, 170, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 170, 230) }
```

Border

The CSS property to change the border of an element to XYZ 63.9175, 52.6398, 81.6546 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(238, 170, 230) }
```


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

```
.border{ border-color:rgb(238, 170, 230) }
```

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

Here you see how a box with a 4 pixel rgb(238, 170, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 170, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 170, 230);  
box-shadow:4px 4px 4px 4px rgb(238, 170,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 63.9175, 52.6398, 81.6546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 170, 230) }
```

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

```
.background{ background-color: rgb(238,  
170, 230) }
```

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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