

Converting Colors

XYZ(52.1370, 39.4022, 57.5247)

Have a look what the booklet for
XYZ(52.1370, 39.4022, 57.5247)
contains.

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Color

**XYZ(52.2657, 39.4854,
57.6901)**

Conversions

Conversions Part 1

Format	Color
Hex	E78BC5
RGB	231, 139, 197
RGB Percent	91%, 55%, 77%
CMY	0.0941, 0.4549, 0.2274
CMYK	0.00, 0.40, 0.15, 0.09
HSL	322°, 66%, 73%
HSV	322°, 40%, 91%
XYZ	52.2657, 39.4854, 57.6901
YIQ	173.1200, 36.2140, 37.5420

Conversions

Conversions Part 2

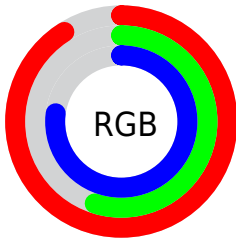
Format	Color
R _Y B	231, 139, 197
Decimal	15174597
CIE Lab	69.10, 42.82, -15.11
CIE LCh	69, 45.406, 340.562
Yxy	39.4854, 0.3497, 0.2642
Android (android.graphics.Color)	4293364677 (0xFFE78BC5)
YUV	173.1200, 11.7728, 50.7608
Hunter-Lab	62.8374, 38.5039, -10.4471

Details

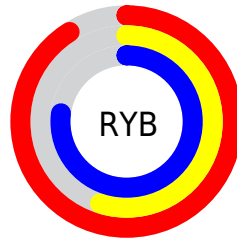
The XYZ color **52.2657, 39.4854, 57.6901** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **46.7680, 65.6592, 49.7466**, and the grayscale version is **39.7117, 41.7798, 45.4982**.

A 20% lighter version of the original color is **78.4212, 66.9993, 102.5648**, and **25.7413, 17.6374, 28.0342** is the 20% darker color. If you saturate the color by 10%, you get **48.3170, 33.1090, 51.6834**, and if you desaturate by 10%, it is **56.9788, 47.3009, 64.2258**.

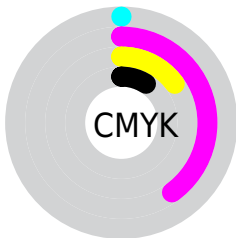
Distribution



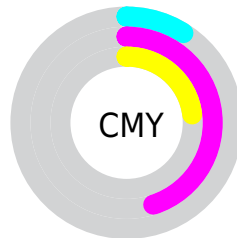
- Red (91%)
- Green (55%)
- Blue (77%)



- Red (91%)
- Yellow (55%)
- Blue (77%)



- Cyan (0%)
- Magenta (40%)
- Yellow (15%)
- Black (9%)





- Cyan (9%)
- Magenta (45%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.2657, 39.4854, 57.6901 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 52.2657, 39.4854, 57.6901 by changing the saturation by 10% instead.


 52.2657, 39.4854,
57.6901


 52.2657, 39.4854,
57.6901


385.7686,
343.9498, 433.5961


 37.4420, 27.1375,
41.1465

 92.6949, 74.3793,
102.9817

 25.7252, 17.6766,
28.1130


 119.0311, 97.6941,
132.5669

 16.7497, 10.7180,
18.1711

 149.9355,
125.4333, 167.3363

 10.1504, 5.8776,
10.9022

185.7736,
157.9814, 207.7085

 5.5618, 2.7708,
5.8877

226.9105,
195.7226, 254.1020

 2.6186, 1.0133,
2.7093

273.7118,

 0.9555, 0.0000,

239.0416, 306.9355

0.9481

326.5427,
288.3225, 366.6273

■ 0.0000, 0.0000,
0.0000

■ 52.2657, 39.4854,
57.6901

■ 52.2657, 39.4854,
57.6901

■ 48.3170, 33.1090,
51.6834

■ 56.9788, 47.3009,
64.2258

■ 45.0833, 28.0760,
46.1836

■ 62.4947, 56.6321,
71.3064

■ 42.5149, 24.2878,
41.1698

■ 68.8530, 67.5571,
78.9498

■ 40.5536, 21.6297,
36.6180

■ 76.0901, 80.1466,
87.1724

■ 39.1307, 19.9657,
32.5004

■ 84.2398, 94.4672,
95.9894

■ 38.1306, 19.0662,
28.7734

■ 85.6936, 95.3004,
102.8688

■ 38.1146, 19.0528,
28.7107

■ 86.7653, 95.7291,
108.5123

Harmonies

Analogous

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



47.3413, 39.4854, 81.0022



52.2657, 39.4854, 57.6901



52.9649, 39.4854, 36.0837

Triad

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



52.2657, 39.4854, 57.6901



35.0326, 39.4854, 14.4819



27.9065, 39.4854, 74.5208

Complementary

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



52.2657, 39.4854, 57.6901



46.7680, 65.6592, 49.7466

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.



25.4288, 39.4854, 50.7321



52.2657, 39.4854, 57.6901



29.1770, 39.4854, 19.2407

Square

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



52.2657, 39.4854, 57.6901



42.3612, 39.4854, 15.2697



25.8618, 39.4854, 31.0314



33.0803, 39.4854, 92.6834

Rectangle

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



52.2657, 39.4854, 57.6901



50.8547, 39.4854, 25.7239



25.8618, 39.4854, 31.0314



26.7629, 39.4854, 66.6488

Sweetspot

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



52.2669, 39.4872, 57.6909



84.2855, 81.2995, 96.5920



40.8329, 33.0908, 79.8370



17.8105, 17.0051, 20.4016



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.



52.2669, 39.4872, 57.6909



61.1762, 42.5671, 65.8099



47.7968, 37.6992, 34.1515



14.7573, 14.5201, 16.9224



21.4292, 10.7059, 16.4212



1.6280, 0.8089, 1.4476

Inverse Universe

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



52.2669, 39.4872, 57.6909



61.1762, 42.5671, 65.8099



51.9759, 67.7423, 77.1711



14.7573, 14.5201, 16.9224



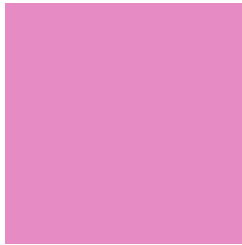
21.4292, 10.7059, 16.4212



1.6280, 0.8089, 1.4476

Previews

White Background



This preview shows how the XYZ color 52.2657, 39.4854, 57.6901 looks on a white background.

Color Contrast Check

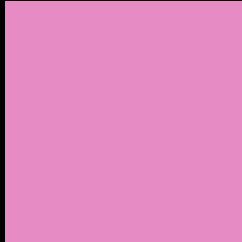
Large Text (above 18pt) WCAG AA × Fail

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 52.2657, 39.4854, 57.6901 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

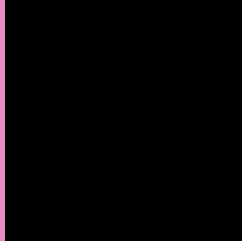
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.2657, 39.4854, 57.6901

Background



This preview shows how black text looks on a background with the XYZ color 52.2657, 39.4854, 57.6901.



This preview shows how white text looks on a background with the XYZ color 52.2657, 39.4854,

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

52.2657, 39.4854, 57.6901

Protanopia

40.1180, 39.7634, 70.5264

Deuteranopia

40.4251, 39.7147, 55.4042



Tritanopia

48.2838, 39.6670, 37.4594

Trichromacy



Original Color

52.2657, 39.4854, 57.6901



Protanomaly

43.3328, 38.9077, 65.5477



Deuteranomaly

44.1317, 39.2741, 56.2936



Tritanomaly

49.4146, 39.4191, 44.0339

Monochromacy



Original Color

52.2657, 39.4854, 57.6901



Achromatopsia

39.7200, 41.7885, 45.5077



Achromatomaly

43.4365, 40.3365, 49.7523

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.2657, 39.4854, 57.6901 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(231, 139, 197)` looks like.

```
.text, #text, p{  
    color:rgb(231, 139, 197)  
}
```

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(231, 139, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 139, 197) }
```

Border

The CSS property to change the border of an element to XYZ 52.2657, 39.4854, 57.6901 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(231, 139, 197) }
```


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

```
.border{ border-color:rgb(231, 139, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 139, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 139, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 139, 197);  
box-shadow:4px 4px 4px 4px rgb(231, 139,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 52.2657, 39.4854, 57.6901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 139, 197) }
```

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

```
.background{ background-color: rgb(231,  
139, 197) }
```

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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