

Converting Colors

XYZ(55.9341, 47.8216, 51.0822)

Have a look what the booklet for
XYZ(55.9341, 47.8216, 51.0822)
contains.

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Color

**XYZ(55.9341, 47.8216,
51.0822)**

Conversions

Conversions Part 1

Format	Color
Hex	EAA5B7
RGB	234, 165, 183
RGB Percent	92%, 65%, 72%
CMY	0.0824, 0.3529, 0.2823
CMYK	0.00, 0.29, 0.22, 0.08
HSL	344°, 62%, 78%
HSV	344°, 29%, 92%
XYZ	55.9341, 47.8216, 51.0822
YIQ	187.6830, 35.3460, 20.2260

Conversions

Conversions Part 2

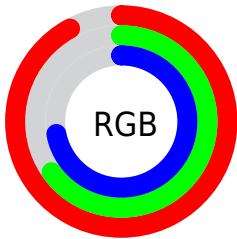
Format	Color
R_{YB}	234, 165, 183
Decimal	15377847
CIE _{Lab}	74.71, 28.00, 0.99
CIE _{LCh}	75, 28.019, 2.035
Yxy	47.8216, 0.3612, 0.3088
Android (android.graphics.Color)	4293567927 (0xFFEAA5B7)
YUV	187.6830, -2.3087, 40.6200
Hunter-Lab	69.1532, 23.3606, 4.6108

Details

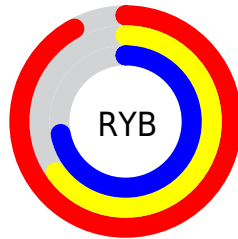
The XYZ color **55.9341, 47.8216, 51.0822** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **57.3366, 71.8041, 75.8069**, and the grayscale version is **47.6200, 50.0999, 54.5588**.

A 20% lighter version of the original color is **82.6764, 79.2049, 92.5919**, and **27.9549, 22.5472, 23.9977** is the 20% darker color. If you saturate the color by 10%, you get **50.4022, 39.4637, 40.8951**, and if you desaturate by 10%, it is **62.4621, 57.8167, 62.6940**.

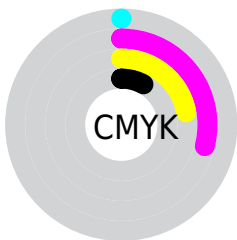
Distribution



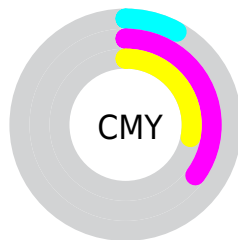
- Red (92%)
- Green (65%)
- Blue (72%)



- Red (92%)
- Yellow (65%)
- Blue (72%)



- Cyan (0%)
- Magenta (29%)
- Yellow (22%)
- Black (8%)





- Cyan (8%)
- Magenta (35%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.9341, 47.8216, 51.0822 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 55.9341, 47.8216, 51.0822 by changing the saturation by 10% instead.


 55.9341, 47.8216,
51.0822


 55.9341, 47.8216,
51.0822


399.5222,
378.0846, 407.7387

 40.3869, 33.6856,
35.8968


 98.0486, 86.9387,
93.1890

 28.0259, 22.6522,
24.0655

 125.3466,
112.6887, 120.9476

 18.4857, 14.3369,
15.1695

157.2922,
143.0787, 153.7342

 11.4011, 8.3554,
8.7905

194.2508,
178.4933, 191.9676

 6.4065, 4.3232,
4.5099

236.5877,
219.3168, 236.0662

 3.1368, 1.8559,
1.9090

284.6684,

 1.2265, 0.5217,

265.9335, 286.4486

0.4985

338.8581,
318.7280, 343.5332

■ 0.1272, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.9341, 47.8216,
51.0822

■ 55.9341, 47.8216,
51.0822

■ 50.4022, 39.4637,
40.8951

■ 62.4621, 57.8167,
62.6940

■ 45.8122, 32.6489,
32.0737

■ 70.0288, 69.5233,
75.7804

■ 42.1109, 27.2837,
24.5589

■ 78.6790, 83.0191,
90.3926

■ 39.2377, 23.2614,
18.2860

■ 87.2925, 96.0528,
106.1913

■ 37.1243, 20.4610,
13.1843

■ 87.7419, 96.2325,
108.5580

■ 35.6905, 18.7388,
9.1751

■ 34.8124, 17.8657,
6.1600

■ 34.7751, 17.8298,
6.0281

Harmonies

Analogous

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



54.6411, 47.8216, 66.3256



55.9341, 47.8216, 51.0822



54.2497, 47.8216, 38.5916

Triad

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



55.9341, 47.8216, 51.0822



40.4645, 47.8216, 31.7671



41.0232, 47.8216, 80.9033

Complementary

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



55.9341, 47.8216, 51.0822



57.3366, 71.8041, 75.8069

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.



37.6627, 47.8216, 68.3686



55.9341, 47.8216, 51.0822



37.3574, 47.8216, 40.0184

Square

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



55.9341, 47.8216, 51.0822



45.1069, 47.8216, 28.8112



36.3705, 47.8216, 53.0696



45.8009, 47.8216, 85.3418

Rectangle

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



55.9341, 47.8216, 51.0822



51.7330, 47.8216, 32.9766



36.3705, 47.8216, 53.0696



39.7030, 47.8216, 77.3946

Sweetspot

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



55.9354, 47.8238, 51.0832



85.5486, 85.1765, 92.8484



56.5090, 47.3913, 84.0115



18.0040, 17.7545, 19.3487



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.



55.9354, 47.8238, 51.0832



64.0192, 52.1170, 54.8457



57.2691, 53.2996, 42.8695



15.2267, 15.1185, 16.4793



19.5854, 10.0368, 3.6179



1.5763, 0.8035, 0.4863

Inverse Universe

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



55.9354, 47.8238, 51.0832



64.0192, 52.1170, 54.8457



55.4156, 64.0324, 87.2812



15.2267, 15.1185, 16.4793



19.5854, 10.0368, 3.6179



1.5763, 0.8035, 0.4863

Previews

White Background



This preview shows how the XYZ color 55.9341, 47.8216, 51.0822 looks on a white background.

Color Contrast Check

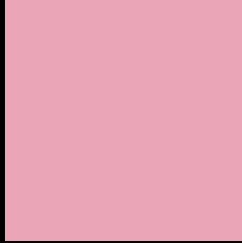
Large Text (above 18pt) WCAG AA × Fail

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 55.9341, 47.8216, 51.0822 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 55.9341, 47.8216, 51.0822

Background



This preview shows how black text looks on a background with the XYZ color 55.9341, 47.8216, 51.0822.



This preview shows how white text looks on a background with the XYZ color 55.9341, 47.8216,

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

55.9341, 47.8216, 51.0822

Protanopia

46.6787, 48.0763, 57.8584

Deuteranopia

48.8895, 47.8735, 50.3798



Tritanopia

55.2764, 47.8104, 48.4344

Trichromacy



Original Color

55.9341, 47.8216, 51.0822

Protanomaly

49.4482, 47.4649, 55.2706

Deuteranomaly

51.1186, 47.5607, 50.7419

Tritanomaly

55.4787, 47.8914, 49.4999

Monochromacy



Original Color

55.9341, 47.8216, 51.0822

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

50.3610, 49.1668, 53.2902

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.9341, 47.8216, 51.0822 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, 165, 183)` looks like.

```
.text, #text, p{  
    color:rgb(234, 165, 183)  
}
```

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, 165, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 165, 183) }
```

Border

The CSS property to change the border of an element to XYZ 55.9341, 47.8216, 51.0822 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, 165, 183) }
```


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

```
.border{ border-color:rgb(234, 165, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 165, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 165, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 165, 183);  
box-shadow:4px 4px 4px 4px rgb(234, 165,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 55.9341, 47.8216, 51.0822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 165, 183) }
```

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

```
.background{ background-color: rgb(234,  
165, 183) }
```

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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