

Converting Colors

XYZ(56.4782, 47.0951, 48.7614)

Have a look what the booklet for
XYZ(56.4782, 47.0951, 48.7614)
contains.

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Color

**XYZ(56.4782, 47.0951,
48.7614)**

Conversions

Conversions Part 1

Format	Color
Hex	EFA1B3
RGB	239, 161, 179
RGB Percent	94%, 63%, 70%
CMY	0.0627, 0.3686, 0.2980
CMYK	0.00, 0.33, 0.25, 0.06
HSL	346°, 71%, 78%
HSV	346°, 33%, 94%
XYZ	56.4782, 47.0951, 48.7614
YIQ	186.3740, 40.7100, 22.1340

Conversions

Conversions Part 2

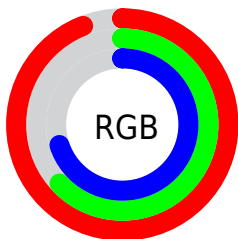
Format	Color
R _{YB}	239, 161, 179
Decimal	15704499
CIE _{Lab}	74.25, 31.35, 2.59
CIE _{LCh}	74, 31.452, 4.722
Yxy	47.0951, 0.3708, 0.3092
Android (android.graphics.Color)	4293894579 (0xFFEFA1B3)
YUV	186.3740, -3.6354, 46.1530
Hunter-Lab	68.6259, 26.8079, 5.9102

Details

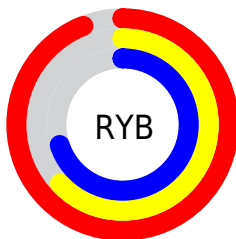
The XYZ color **56.4782, 47.0951, 48.7614** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **58.6176, 74.5318, 79.7069**, and the grayscale version is **46.8867, 49.3285, 53.7187**.

A 20% lighter version of the original color is **80.7913, 76.3699, 89.0800**, and **28.1845, 22.0552, 22.5103** is the 20% darker color. If you saturate the color by 10%, you get **50.9567, 38.8319, 38.3503**, and if you desaturate by 10%, it is **63.0485, 57.0584, 60.7464**.

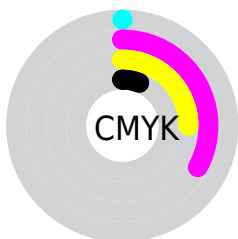
Distribution



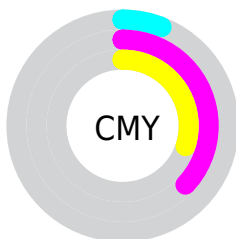
- Red (94%)
- Green (63%)
- Blue (70%)



- Red (94%)
- Yellow (63%)
- Blue (70%)



- Cyan (0%)
- Magenta (33%)
- Yellow (25%)
- Black (6%)





- Cyan (6%)
- Magenta (37%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.4782, 47.0951, 48.7614 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 56.4782, 47.0951, 48.7614 by changing the saturation by 10% instead.


 56.4782, 47.0951,
48.7614


 56.4782, 47.0951,
48.7614


401.5370,
375.1940, 398.3977

 40.8250, 33.1108,
34.0660


 98.8392, 85.8556,
89.7143

 28.3694, 22.2114,
22.6665


 126.2776,
111.4006, 116.8088

 18.7462, 14.0123,
14.1445


158.3752,
141.5679, 148.8735

 11.5899, 8.1292,
8.0813

195.4972,
176.7420, 186.3269

 6.5353, 4.1777,
4.0585

238.0090,
217.3073, 229.5874

 3.2170, 1.7735,
1.6575

286.2760,

 1.2695, 0.4706,

263.6481, 279.0737

0.3314

340.6636,
316.1489, 335.2043

■ 0.1602, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.4782, 47.0951,
48.7614

■ 56.4782, 47.0951,
48.7614

■ 50.9567, 38.8319,
38.3503

■ 63.0485, 57.0584,
60.7464

■ 46.4247, 32.1669,
29.4437

■ 70.7150, 68.8027,
74.3649

■ 42.8229, 26.9979,
21.9712

■ 79.5266, 82.4120,
89.6768

■ 40.0839, 23.2075,
15.8553

■ 89.0139, 96.9337,
106.5667

■ 38.1306, 20.6612,
11.0107

■ 89.4068, 97.0908,
108.6359

■ 36.8713, 19.1966,
7.3414

■ 36.2898, 18.6280,
5.3154

Harmonies

Analogous

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



55.3153, 47.0951, 65.7354



56.4782, 47.0951, 48.7614



54.2926, 47.0951, 35.5283

Triad

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



56.4782, 47.0951, 48.7614



38.8587, 47.0951, 29.7320



40.2845, 47.0951, 84.8476

Complementary

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



56.4782, 47.0951, 48.7614



58.6176, 74.5318, 79.7069

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.



36.4185, 47.0951, 71.1069



56.4782, 47.0951, 48.7614



35.6451, 47.0951, 39.1138

Square

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



56.4782, 47.0951, 48.7614



43.8747, 47.0951, 26.1129



34.7905, 47.0951, 53.8809



45.6621, 47.0951, 88.9291

Rectangle

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



56.4782, 47.0951, 48.7614



51.3305, 47.0951, 29.8527



34.7905, 47.0951, 53.8809



38.7801, 47.0951, 81.0816

Sweetspot

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



56.4795, 47.0973, 48.7623



84.4487, 83.5961, 90.5728



58.0845, 47.0649, 87.6849



17.7800, 17.4377, 18.8695



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.



56.4795, 47.0973, 48.7623



61.1388, 48.1205, 48.4467



58.7183, 54.3001, 41.1071



15.9222, 15.8186, 17.1465



20.0959, 10.3108, 3.1555



1.7088, 0.8726, 0.4572

Inverse Universe

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



56.4795, 47.0973, 48.7623



61.1388, 48.1205, 48.4467



55.4030, 64.0574, 91.1061



15.9222, 15.8186, 17.1465



20.0959, 10.3108, 3.1555



1.7088, 0.8726, 0.4572

Previews

White Background



This preview shows how the XYZ color 56.4782, 47.0951, 48.7614 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 56.4782, 47.0951, 48.7614 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 56.4782, 47.0951, 48.7614

Background



This preview shows how black text looks on a background with the XYZ color 56.4782, 47.0951, 48.7614.



This preview shows how white text looks on a background with the XYZ color 56.4782, 47.0951,

48.7614.

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

56.4782, 47.0951, 48.7614

Protanopia

45.8991, 47.4078, 56.0217

Deuteranopia

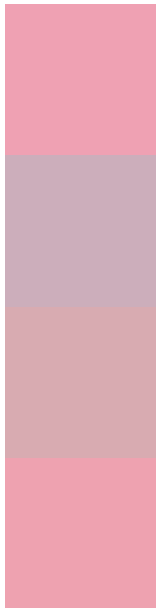
48.1872, 47.2754, 47.6596



Tritanopia

55.8202, 47.0738, 46.1885

Trichromacy



Original Color

56.4782, 47.0951, 48.7614

Protanomaly

49.0075, 46.6973, 53.4442

Deuteranomaly

50.8176, 46.8991, 47.9690

Tritanomaly

56.0167, 47.1524, 47.2232

Monochromacy



Original Color

56.4782, 47.0951, 48.7614

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

49.4462, 47.8423, 51.4281

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.4782, 47.0951, 48.7614 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(239, 161, 179)` looks like.

```
.text, #text, p{  
    color:rgb(239, 161, 179)  
}
```

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(239, 161, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 161, 179) }
```

Border

The CSS property to change the border of an element to XYZ 56.4782, 47.0951, 48.7614 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(239, 161, 179) }
```


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

```
.border{ border-color:rgb(239, 161, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 161, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 161, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 161, 179);  
box-shadow:4px 4px 4px 4px rgb(239, 161,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 56.4782, 47.0951, 48.7614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 161, 179) }
```

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

```
.background{ background-color: rgb(239,  
161, 179) }
```

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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