

Converting Colors

XYZ(56.4763, 47.9290, 47.3319)

Have a look what the booklet for
XYZ(56.4763, 47.9290, 47.3319)
contains.

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Color

**XYZ(56.3718, 47.8627,
47.3416)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | EEA4B0 |
| RGB | 238, 164, 176 |
| RGB Percent | 93%, 64%, 69% |
| CMY | 0.0667, 0.3568, 0.3098 |
| CMYK | 0.00, 0.31, 0.26, 0.07 |
| HSL | 350°, 69%, 79% |
| HSV | 350°, 31%, 93% |
| XYZ | 56.3718, 47.8627, 47.3416 |
| YIQ | 187.4940, 40.2520, 19.4200 |

Conversions

Conversions Part 2

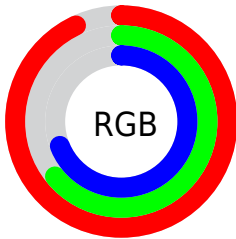
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 238, 164, 176 |
| Decimal | 15639728 |
| CIE Lab | 74.74, 28.98, 4.93 |
| CIE LCh | 75, 29.395, 9.654 |
| Yxy | 47.8627, 0.3719, 0.3158 |
| Android (android.graphics.Color) | 4293829808 (0xFFEEA4B0) |
| YUV | 187.4940, -5.6665, 44.2938 |
| Hunter-Lab | 69.1829, 24.3759, 7.8561 |

Details

The XYZ color **56.3718, 47.8627, 47.3416** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **59.6139, 74.5336, 83.1997**, and the grayscale version is **47.5294, 50.0047, 54.4551**.

A 20% lighter version of the original color is **81.3987, 78.2726, 87.1619**, and **28.3786, 22.6479, 21.9445** is the 20% darker color. If you saturate the color by 10%, you get **50.6740, 39.3960, 36.4122**, and if you desaturate by 10%, it is **63.1591, 58.0438, 60.0653**.

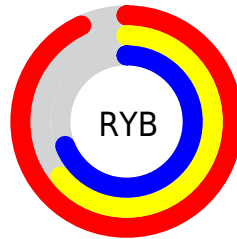
Distribution



Red (93%)

Green (64%)

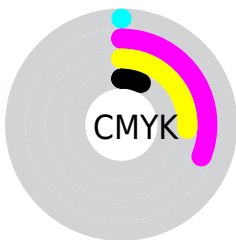
Blue (69%)



Red (93%)

Yellow (64%)

Blue (69%)

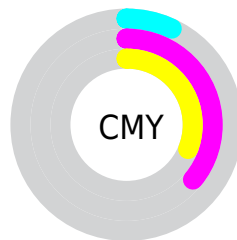


Cyan (0%)

Magenta (31%)

Yellow (26%)

Black (7%)



Cyan (7%)


Magenta (36%)

Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.3718, 47.8627, 47.3416 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 56.3718, 47.8627, 47.3416 by changing the saturation by 10% instead.


 56.3718, 47.8627,
47.3416


 56.3718, 47.8627,
47.3416


401.1435,
378.2476, 392.6096

 40.7393, 33.7182,
32.9495


 98.6846, 86.9999,
87.5786

 28.3022, 22.6772,
21.8170


 126.0957,
112.7614, 114.2606

 18.6952, 14.3553,
13.5254

158.1635,
143.1641, 145.8763

 11.5529, 8.3682,
7.6564

195.2537,
178.5922, 182.8443

 6.5101, 4.3314,
3.7913

237.7314,
219.4302, 225.5831

 3.2012, 1.8606,
1.5115

285.9620,

 1.2610, 0.5246,

266.0625, 274.5112

0.2265

340.3109,
318.8735, 330.0472

■ 0.1538, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.3718, 47.8627,
47.3416

■ 56.3718, 47.8627,
47.3416

■ 50.6740, 39.3960,
36.4122

■ 63.1591, 58.0438,
60.0653

■ 46.0046, 32.5427,
27.1930

■ 71.0849, 70.0194,
74.6563

■ 42.3024, 27.2020,
19.5975

■ 80.1999, 83.8728,
91.1871

■ 39.4983, 23.2584,
13.5304

■ 89.0699, 96.9172,
108.6201

■ 37.5132, 20.5803,
8.8860

■ 36.2543, 19.0101,
5.5449

■ 35.6193, 18.3209,
3.5422

Harmonies

Analogous

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



55.8030, 47.8627, 63.0098



56.3718, 47.8627, 47.3416



53.8550, 47.8627, 35.5259

Triad

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



56.3718, 47.8627, 47.3416



39.2553, 47.8627, 32.6115



42.0181, 47.8627, 84.7949

Complementary

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



56.3718, 47.8627, 47.3416



59.6139, 74.5336, 83.1997

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.



38.0430, 47.8627, 73.1983



56.3718, 47.8627, 47.3416



36.5365, 47.8627, 42.5534

Square

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



56.3718, 47.8627, 47.3416



43.7935, 47.8627, 28.1875



36.1108, 47.8627, 57.1975



47.2340, 47.8627, 86.7700

Rectangle

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



56.3718, 47.8627, 47.3416



50.8735, 47.8627, 30.6516



36.1108, 47.8627, 57.1975



40.5042, 47.8627, 81.7985

Sweetspot

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



56.3731, 47.8650, 47.3426



85.2177, 85.0442, 91.1058



59.9692, 48.8413, 87.1556



17.9231, 17.7221, 18.9225



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.



56.3731, 47.8650, 47.3426



61.7548, 49.7600, 47.3954



60.0882, 57.1115, 42.9815



15.8773, 15.8006, 16.9101



19.9028, 10.2335, 2.1387



1.6863, 0.8636, 0.3390

Inverse Universe

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



56.3731, 47.8650, 47.3426



61.7548, 49.7600, 47.3954



54.6225, 61.8237, 89.9433



15.8773, 15.8006, 16.9101



19.9028, 10.2335, 2.1387



1.6863, 0.8636, 0.3390

Previews

White Background



This preview shows how the XYZ color 56.3718, 47.8627, 47.3416 looks on a white background.

Color Contrast Check

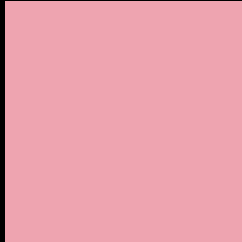
Large Text (above 18pt) WCAG AA × Fail

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 56.3718, 47.8627, 47.3416 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

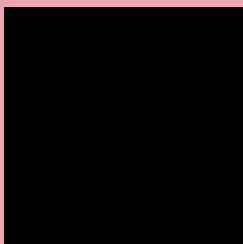
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.3718, 47.8627, 47.3416

Background



This preview shows how black text looks on a background with the XYZ color 56.3718, 47.8627, 47.3416.



This preview shows how white text looks on a background with the XYZ color 56.3718, 47.8627,

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

56.3718, 47.8627, 47.3416

Protanopia

46.3966, 48.0196, 53.8371

Deuteranopia

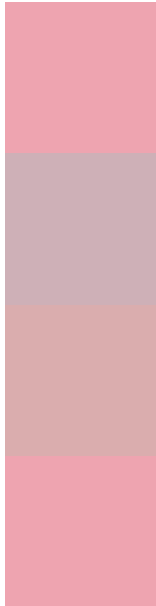
48.9168, 47.9797, 46.2180



Tritanopia

56.3718, 47.8627, 47.3416

Trichromacy



Original Color

56.3718, 47.8627, 47.3416

Protanomaly

49.5262, 47.5914, 51.3755

Deuteranomaly

51.4970, 47.8486, 46.5659

Tritanomaly

56.3718, 47.8627, 47.3416

Monochromacy



Original Color

56.3718, 47.8627, 47.3416

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

50.1209, 48.7809, 51.5737

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.3718, 47.8627, 47.3416 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, 164, 176)` looks like.

```
.text, #text, p{  
    color:rgb(238, 164, 176)  
}
```

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, 164, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 164, 176) }
```

Border

The CSS property to change the border of an element to XYZ 56.3718, 47.8627, 47.3416 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, 164, 176) }
```


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

```
.border{ border-color:rgb(238, 164, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 164, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 164, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 164, 176);  
box-shadow:4px 4px 4px 4px rgb(238, 164,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 56.3718, 47.8627, 47.3416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 164, 176) }
```

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

```
.background{ background-color: rgb(238,  
164, 176) }
```

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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