

Converting Colors

XYZ(57.4812, 47.9957, 47.1199)

Have a look what the booklet for
XYZ(57.4812, 47.9957, 47.1199)
contains.

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Color

**XYZ(57.3748, 47.8525,
47.2868)**

Conversions

Conversions Part 1

Format	Color
Hex	F2A2B0
RGB	242, 162, 176
RGB Percent	95%, 64%, 69%
CMY	0.0510, 0.3647, 0.3098
CMYK	0.00, 0.33, 0.27, 0.05
HSL	350°, 75%, 79%
HSV	350°, 33%, 95%
XYZ	57.3748, 47.8525, 47.2868
YIQ	187.5160, 43.1860, 21.3140

Conversions

Conversions Part 2

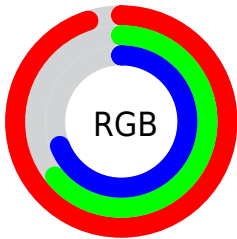
Format	Color
R_{YB}	242, 162, 176
Decimal	15901360
CIE _{Lab}	74.73, 31.48, 4.98
CIE _{LCh}	75, 31.875, 8.983
Yxy	47.8525, 0.3762, 0.3138
Android (android.graphics.Color)	4294091440 (0xFF2A2B0)
YUV	187.5160, -5.6774, 47.7825
Hunter-Lab	69.1755, 26.9924, 7.8936

Details

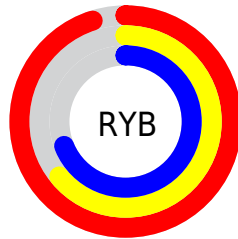
The XYZ color **57.3748, 47.8525, 47.2868** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **60.6581, 76.7883, 85.0273**, and the grayscale version is **47.5408, 50.0166, 54.4681**.

A 20% lighter version of the original color is **80.8769, 77.2290, 86.9879**, and **28.8739, 22.5829, 21.9059** is the 20% darker color. If you saturate the color by 10%, you get **51.6825, 39.4002, 36.3490**, and if you desaturate by 10%, it is **64.1806, 58.0661, 60.0303**.

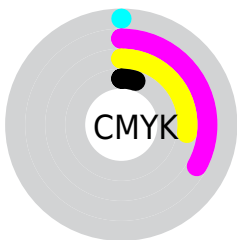
Distribution



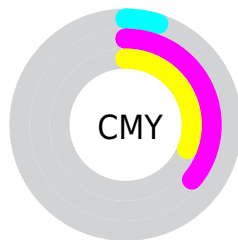
- Red (95%)
- Green (64%)
- Blue (69%)



- Red (95%)
- Yellow (64%)
- Blue (69%)



- Cyan (0%)
- Magenta (33%)
- Yellow (27%)
- Black (5%)





- Cyan (5%)
- Magenta (36%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.3748, 47.8525, 47.2868 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 57.3748, 47.8525, 47.2868 by changing the saturation by 10% instead.


 57.3748, 47.8525,
47.2868


 57.3748, 47.8525,
47.2868


404.8438,
378.2072, 392.3850

 41.5475, 33.7101,
32.9065


 100.1401, 86.9848,
87.4960

 28.9367, 22.6710,
21.7843


 127.8088,
112.7434, 114.1620

 19.1770, 14.3507,
13.5017

160.1554,
143.1429, 145.7603

 11.9030, 8.3650,
7.6401

197.5452,
178.5676, 182.7094

 6.7494, 4.3294,
3.7811

240.3436,
219.4021, 225.4279

 3.3508, 1.8595,
1.5060

288.9159,

 1.3419, 0.5238,

266.0305, 274.3343

0.2224

343.6275,
318.8374, 329.8471

■ 0.2142, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.3748, 47.8525,
47.2868

■ 57.3748, 47.8525,
47.2868

■ 51.6825, 39.4002,
36.3490

■ 64.1806, 58.0661,
60.0303

■ 47.0399, 32.6028,
27.1319

■ 72.1512, 70.1258,
74.6536

■ 43.3827, 27.3532,
19.5474

■ 81.3396, 84.1191,
91.2302

■ 40.6379, 23.5286,
13.4989

■ 90.4281, 97.6173,
108.6837

■ 38.7217, 20.9878,
8.8787

■ 37.5344, 19.5598,
5.5647

■ 37.0421, 19.0469,
3.9464

Harmonies

Analogous

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



56.6732, 47.8525, 64.3809



57.3748, 47.8525, 47.2868



54.6862, 47.8525, 34.5257

Triad

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



57.3748, 47.8525, 47.2868



38.8389, 47.8525, 31.0600



41.6094, 47.8525, 87.8469

Complementary

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



57.3748, 47.8525, 47.2868



60.6581, 76.7883, 85.0273

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.



37.3739, 47.8525, 74.8172



57.3748, 47.8525, 47.2868



35.8711, 47.8525, 41.4951

Square

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



57.3748, 47.8525, 47.2868



43.7680, 47.8525, 26.5512



35.3585, 47.8525, 57.2361



47.2410, 47.8525, 90.3178

Rectangle

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



57.3748, 47.8525, 47.2868



51.4569, 47.8525, 29.2969



35.3585, 47.8525, 57.2361



39.9892, 47.8525, 84.4423

Sweetspot

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



57.3761, 47.8548, 47.2878



84.2436, 83.5140, 89.4924



60.7328, 48.6390, 90.1921



17.7307, 17.4180, 18.6100



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.



57.3761, 47.8548, 47.2878



59.9671, 46.9768, 44.3575



60.9823, 57.1703, 42.0061



15.8857, 15.8040, 16.9542



19.9338, 10.2460, 2.3022



1.6903, 0.8651, 0.3597

Inverse Universe

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



57.3761, 47.8548, 47.2878



59.9671, 46.9768, 44.3575



55.6562, 63.5481, 93.3374



15.8857, 15.8040, 16.9542



19.9338, 10.2460, 2.3022



1.6903, 0.8651, 0.3597

Previews

White Background



This preview shows how the XYZ color 57.3748, 47.8525, 47.2868 looks on a white background.

Color Contrast Check

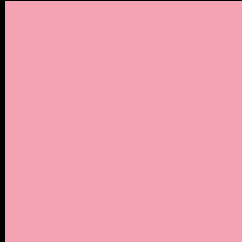
Large Text (above 18pt) WCAG AA × Fail

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 57.3748, 47.8525, 47.2868 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

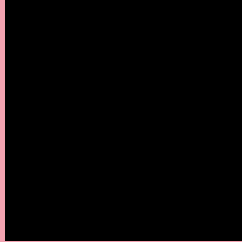
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.3748, 47.8525, 47.2868

Background



This preview shows how black text looks on a background with the XYZ color 57.3748, 47.8525, 47.2868.



This preview shows how white text looks on a background with the XYZ color 57.3748, 47.8525,

47.2868.

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

57.3748, 47.8525, 47.2868

Protanopia

46.2603, 47.9369, 54.3915

Deuteranopia

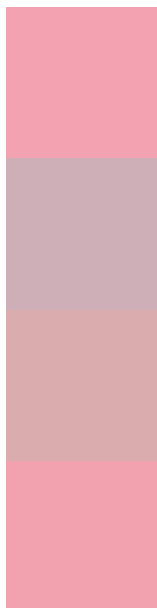
48.9168, 47.9797, 46.2180



Tritanopia

57.2761, 47.8131, 46.7675

Trichromacy



Original Color

57.3748, 47.8525, 47.2868

Protanomaly

49.4353, 47.2424, 51.8606

Deuteranomaly

51.6059, 47.6211, 46.5163

Tritanomaly

57.2761, 47.8131, 46.7675

Monochromacy



Original Color

57.3748, 47.8525, 47.2868

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

50.7843, 49.1108, 52.1501

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.3748, 47.8525, 47.2868 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(242, 162, 176)` looks like.

```
.text, #text, p{  
    color:rgb(242, 162, 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(242, 162, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 162, 176) }
```

Border

The CSS property to change the border of an element to XYZ 57.3748, 47.8525, 47.2868 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(242, 162, 176) }
```


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

```
.border{ border-color:rgb(242, 162, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 162, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 162, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 162, 176);  
box-shadow:4px 4px 4px 4px rgb(242, 162,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 57.3748, 47.8525, 47.2868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 162, 176) }
```

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

```
.background{ background-color: rgb(242,  
162, 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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