

Converting Colors

XYZ(57.5498, 47.2349, 50.2569)

Have a look what the booklet for
XYZ(57.5498, 47.2349, 50.2569)
contains.

XYZ(57.6323, 47.3963, 50.3668)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(57.6323, 47.3963,
50.3668)**

Conversions

Conversions Part 1

Format	Color
Hex	F2A0B6
RGB	242, 160, 182
RGB Percent	95%, 63%, 71%
CMY	0.0510, 0.3725, 0.2863
CMYK	0.00, 0.34, 0.25, 0.05
HSL	344°, 76%, 79%
HSV	344°, 34%, 95%
XYZ	57.6323, 47.3963, 50.3668
YIQ	187.0260, 41.8100, 24.2260

Conversions

Conversions Part 2

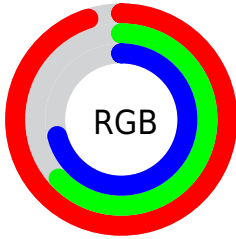
Format	Color
R _Y B	242, 160, 182
Decimal	15900854
CIE Lab	74.44, 33.36, 1.26
CIE LCh	74, 33.385, 2.161
Yxy	47.3963, 0.3709, 0.3050
Android (android.graphics.Color)	4294090934 (0xFF2A0B6)
YUV	187.0260, -2.4778, 48.2122
Hunter-Lab	68.8450, 28.9493, 4.8151

Details

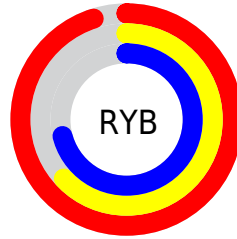
The XYZ color **57.6323, 47.3963, 50.3668** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **59.1698, 76.1464, 79.2932**, and the grayscale version is **47.2470, 49.7075, 54.1315**.

A 20% lighter version of the original color is **81.2285, 76.5448, 91.3823**, and **28.9873, 22.2907, 23.5436** is the 20% darker color. If you saturate the color by 10%, you get **52.1223, 39.1220, 40.0648**, and if you desaturate by 10%, it is **64.1929, 57.4006, 62.1618**.

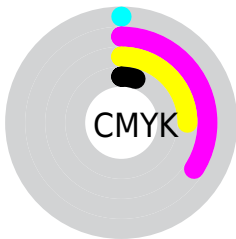
Distribution



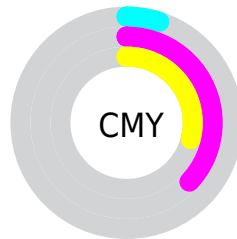
- Red (95%)
- Green (63%)
- Blue (71%)



- Red (95%)
- Yellow (63%)
- Blue (71%)



- Cyan (0%)
- Magenta (34%)
- Yellow (25%)
- Black (5%)





- Cyan (5%)
- Magenta (37%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.6323, 47.3963, 50.3668 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 57.6323, 47.3963, 50.3668 by changing the saturation by 10% instead.


 57.6323, 47.3963,
50.3668


 57.6323, 47.3963,
50.3668


405.7904,
376.3942, 404.8747

 41.7552, 33.3491,
35.3317

 100.5133, 86.3049,
92.1200

 29.0999, 22.3940,
23.6329


 128.2478,
111.9350, 119.6752

 19.3011, 14.1467,
14.8519


160.6657,
142.1949, 152.2408

 11.9933, 8.2228,
8.5700

198.1320,
177.4689, 190.2355

 6.8113, 4.2378,
4.3688

241.0123,
218.1414, 234.0776

 3.3897, 1.8075,
1.8298

289.6719,

 1.3630, 0.4918,

264.5969, 284.1859

0.4475

344.4762,
317.2197, 340.9787

■ 0.2296, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.6323, 47.3963,
50.3668

■ 57.6323, 47.3963,
50.3668

■ 52.1223, 39.1220,
40.0648

■ 64.1929, 57.4006,
62.1618

■ 47.6028, 32.4725,
31.1919

■ 71.8520, 69.2190,
75.5046

■ 44.0135, 27.3413,
23.6832

■ 80.6594, 82.9380,
90.4504

■ 41.2855, 23.6066,
17.4678

■ 90.0814, 97.4787,
106.8580

■ 39.3400, 21.1272,
12.4673

■ 90.4281, 97.6173,
108.6837

■ 38.0821, 19.7319,
8.5936

■ 37.5698, 19.2580,
6.7253

Harmonies

Analogous

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



56.0776, 47.3963, 68.6848



57.6323, 47.3963, 50.3668



55.5741, 47.3963, 35.8971

Triad

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



57.6323, 47.3963, 50.3668



39.1646, 47.3963, 28.3247



39.8572, 47.3963, 86.8158

Complementary

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



57.6323, 47.3963, 50.3668



59.1698, 76.1464, 79.2932

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.



35.9441, 47.3963, 71.3374



57.6323, 47.3963, 50.3668



35.5700, 47.3963, 37.6235

Square

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



57.6323, 47.3963, 50.3668



44.6138, 47.3963, 25.0647



34.4447, 47.3963, 52.8664



45.4866, 47.3963, 92.3212

Rectangle

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



57.6323, 47.3963, 50.3668



52.5282, 47.3963, 29.6061



34.4447, 47.3963, 52.8664



38.3153, 47.3963, 82.4589

Sweetspot

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



57.6336, 47.3985, 50.3677



84.5877, 83.6517, 91.3045



57.7429, 46.5788, 89.9521



17.8134, 17.4511, 19.0455



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.



57.6336, 47.3985, 50.3677



60.3040, 46.4509, 48.1683



58.8388, 53.1656, 40.4214



15.9469, 15.8285, 17.2767



20.2311, 10.3649, 3.8678



1.7231, 0.8783, 0.5325

Inverse Universe

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



57.6336, 47.3985, 50.3677



60.3040, 46.4509, 48.1683



57.2444, 67.3228, 93.9823



15.9469, 15.8285, 17.2767



20.2311, 10.3649, 3.8678



1.7231, 0.8783, 0.5325

Previews

White Background



This preview shows how the XYZ color 57.6323, 47.3963, 50.3668 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 57.6323, 47.3963, 50.3668 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 57.6323, 47.3963, 50.3668

Background



This preview shows how black text looks on a background with the XYZ color 57.6323, 47.3963, 50.3668.



This preview shows how white text looks on a background with the XYZ color 57.6323, 47.3963,

50.3668.

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

57.6323, 47.3963, 50.3668

Protanopia

46.1067, 47.4633, 58.3610

Deuteranopia

48.4874, 47.3955, 49.2405



Tritanopia

56.6605, 47.2465, 46.1776

Trichromacy



Original Color

57.6323, 47.3963, 50.3668



Protanomaly

49.3322, 46.8272, 55.1537



Deuteranomaly

51.4164, 47.1728, 49.5753



Tritanomaly

56.9563, 47.3648, 47.7354

Monochromacy



Original Color

57.6323, 47.3963, 50.3668



Achromatopsia

47.2335, 49.6933, 54.1160



Achromatomaly

50.2112, 48.2125, 52.5585

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.6323, 47.3963, 50.3668 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, 160, 182)` looks like.

```
.text, #text, p{  
    color:rgb(242, 160, 182)  
}
```

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, 160, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 160, 182) }
```

Border

The CSS property to change the border of an element to XYZ 57.6323, 47.3963, 50.3668 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, 160, 182) }
```


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

```
.border{ border-color:rgb(242, 160, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 160, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 160, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 160, 182);  
box-shadow:4px 4px 4px 4px rgb(242, 160,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 57.6323, 47.3963, 50.3668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 160, 182) }
```

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

```
.background{ background-color: rgb(242,  
160, 182) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor