

Converting Colors

XYZ(58.3750, 47.8943, 45.1976)

Have a look what the booklet for
XYZ(58.3750, 47.8943, 45.1976)
contains.

XYZ(58.3750, 47.8943, 45.1976)	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(58.3750, 47.8943,
45.1976)**

Conversions

Conversions Part 1

Format	Color
Hex	F7A0AC
RGB	247, 160, 172
RGB Percent	97%, 63%, 67%
CMY	0.0314, 0.3725, 0.3255
CMYK	0.00, 0.35, 0.30, 0.03
HSL	352°, 84%, 80%
HSV	352°, 35%, 97%
XYZ	58.3750, 47.8943, 45.1976
YIQ	187.3810, 48.0000, 22.1760

Conversions

Conversions Part 2

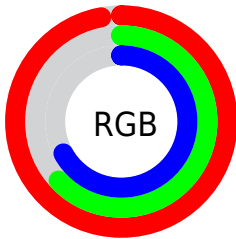
Format	Color
RYB	247, 160, 172
Decimal	16228524
CIELab	74.76, 33.81, 7.29
CIElCh	75, 34.587, 12.162
Yxy	47.8943, 0.3854, 0.3162
Android (android.graphics.Color)	4294418604 (0xFFFF7A0AC)
YUV	187.3810, -7.5828, 52.2859
Hunter-Lab	69.2057, 29.4547, 9.7223

Details

The XYZ color **58.3750, 47.8943, 45.1976** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **62.7555, 79.9944, 90.7342**, and the grayscale version is **47.4729, 49.9452, 54.3903**.

A 20% lighter version of the original color is **79.6610, 75.9178, 83.1281**, and **29.6341, 22.6903, 20.5871** is the 20% darker color. If you saturate the color by 10%, you get **52.6268, 39.4126, 33.9872**, and if you desaturate by 10%, it is **65.3041, 58.2128, 58.4194**.

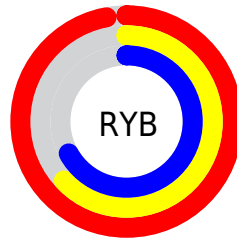
Distribution



Red (97%)

Green (63%)

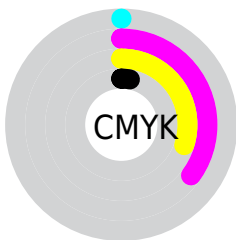
Blue (67%)



Red (97%)

Yellow (63%)

Blue (67%)

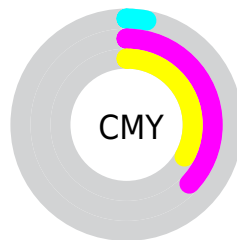


Cyan (0%)

Magenta (35%)

Yellow (30%)

Black (3%)



Cyan (3%)


Magenta (37%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.3750, 47.8943, 45.1976 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 58.3750, 47.8943, 45.1976 by changing the saturation by 10% instead.

 58.3750, 47.8943,
45.1976


 58.3750, 47.8943,
45.1976

408.5132,
378.3730, 383.7567

 42.3546, 33.7432,
31.2690

 101.5886, 87.0470,
84.3384

 29.5714, 22.6964,
20.5436


 129.5125,
112.8174, 110.3878

 19.6599, 14.3695,
12.6028


162.1350,
143.2297, 141.3144

 12.2549, 8.3781,
7.0281

199.8214,
178.6682, 177.5370

 6.9910, 4.3378,
3.4010

242.9370,
219.5174, 219.4739

 3.5027, 1.8643,
1.3028

291.8473,

 1.4249, 0.5268,

266.1617, 267.5439

0.0641

346.9176,
318.9854, 322.1653

■ 0.2738, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.3750, 47.8943,
45.1976

■ 58.3750, 47.8943,
45.1976

■ 52.6268, 39.4126,
33.9872

■ 65.3041, 58.2128,
58.4194

■ 47.9894, 32.6533,
24.6864

■ 73.4713, 70.4600,
73.7418

■ 44.3913, 27.5000,
17.1887

■ 82.9345, 84.7298,
91.2521

■ 41.7508, 23.8190,
11.3762

■ 92.1679, 98.5142,
108.7651

■ 39.9737, 21.4546,
7.1161

■ 38.9461, 20.2161,
4.2555

■ 38.6475, 19.8900,
3.3199

Harmonies

Analogous

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



58.0105, 47.8943, 63.4750



58.3750, 47.8943, 45.1976



55.0716, 47.8943, 32.2111

Triad

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



58.3750, 47.8943, 45.1976



37.8889, 47.8943, 30.4866



41.9226, 47.8943, 92.4783

Complementary

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



58.3750, 47.8943, 45.1976



62.7555, 79.9944, 90.7342

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.



37.1457, 47.8943, 78.9738



58.3750, 47.8943, 45.1976



34.9684, 47.8943, 42.2569

Square

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



58.3750, 47.8943, 45.1976



43.0254, 47.8943, 25.1229



34.7095, 47.8943, 59.7784



48.1135, 47.8943, 93.7829

Rectangle

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



58.3750, 47.8943, 45.1976



51.3965, 47.8943, 27.1579



34.7095, 47.8943, 59.7784



40.1133, 47.8943, 89.0929

Sweetspot

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



58.3763, 47.8966, 45.1985



83.0935, 81.9300, 86.9009



63.2761, 49.3434, 94.1852



17.4958, 17.1000, 18.0635



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.



58.3763, 47.8966, 45.1985



58.3953, 45.0409, 40.1102



63.2156, 59.3365, 41.3818



16.5922, 16.5197, 17.5989



20.4689, 10.5310, 1.9117



1.8273, 0.9369, 0.3167

Inverse Universe

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



58.3763, 47.8966, 45.1985



58.3953, 45.0409, 40.1102



55.9846, 63.5849, 97.3184



16.5922, 16.5197, 17.5989



20.4689, 10.5310, 1.9117



1.8273, 0.9369, 0.3167

Previews

White Background



This preview shows how the XYZ color 58.3750, 47.8943, 45.1976 looks on a white background.

Color Contrast Check

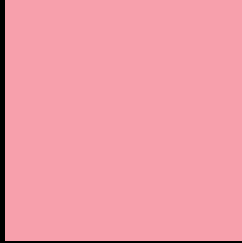
Large Text (above 18pt) WCAG AA × Fail

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 58.3750, 47.8943, 45.1976 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 58.3750, 47.8943, 45.1976

Background



This preview shows how black text looks on a background with the XYZ color 58.3750, 47.8943, 45.1976.



This preview shows how white text looks on a background with the XYZ color 58.3750, 47.8943,

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

58.3750, 47.8943, 45.1976

Protanopia

46.1840, 47.9346, 52.7171

Deuteranopia

49.0943, 48.1153, 44.2357



Tritanopia

58.3750, 47.8943, 45.1976

Trichromacy



Original Color

58.3750, 47.8943, 45.1976



Protanomaly

49.8627, 47.5105, 49.7224



Deuteranomaly

51.9428, 47.5577, 44.4721



Tritanomaly

58.3750, 47.8943, 45.1976

Monochromacy



Original Color

58.3750, 47.8943, 45.1976



Achromatopsia

47.2335, 49.6933, 54.1160



Achromatomaly

50.4601, 48.3770, 50.9341

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.3750, 47.8943, 45.1976 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(247, 160, 172)` looks like.

```
.text, #text, p{  
    color:rgb(247, 160, 172)  
}
```

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(247, 160, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 160, 172) }
```

Border

The CSS property to change the border of an element to XYZ 58.3750, 47.8943, 45.1976 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(247, 160, 172) }
```


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

```
.border{ border-color:rgb(247, 160, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 160, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 160, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 160, 172);  
box-shadow:4px 4px 4px 4px rgb(247, 160,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 58.3750, 47.8943, 45.1976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 160, 172) }
```

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

```
.background{ background-color: rgb(247,  
160, 172) }
```

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