

Converting Colors

XYZ(58.7747, 47.5448, 47.1536)

Have a look what the booklet for
XYZ(58.7747, 47.5448, 47.1536)
contains.

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Color

**XYZ(58.7747, 47.5448,
47.1536)**

Conversions

Conversions Part 1

Format	Color
Hex	F89EB0
RGB	248, 158, 176
RGB Percent	97%, 62%, 69%
CMY	0.0275, 0.3804, 0.3098
CMYK	0.00, 0.36, 0.29, 0.03
HSL	348°, 87%, 80%
HSV	348°, 36%, 97%
XYZ	58.7747, 47.5448, 47.1536
YIQ	186.9620, 47.8620, 24.6780

Conversions

Conversions Part 2

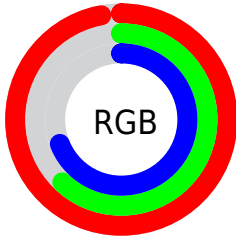
Format	Color
R _Y B	248, 158, 176
Decimal	16293552
CIE Lab	74.54, 35.73, 4.78
CIE LCh	75, 36.052, 7.624
Yxy	47.5448, 0.3830, 0.3098
Android (android.graphics.Color)	4294483632 (0xFFFF89EB0)
YUV	186.9620, -5.4043, 53.5303
Hunter-Lab	68.9527, 31.4845, 7.7212

Details

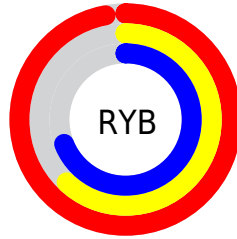
The XYZ color **58.7747, 47.5448, 47.1536** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **61.9530, 80.1181, 87.0661**, and the grayscale version is **47.2245, 49.6838, 54.1057**.

A 20% lighter version of the original color is **79.8521, 75.1793, 86.6463**, and **29.9249, 22.5055, 21.8356** is the 20% darker color. If you saturate the color by 10%, you get **53.1416, 39.1939, 36.2878**, and if you desaturate by 10%, it is **65.5509, 57.7221, 59.8170**.

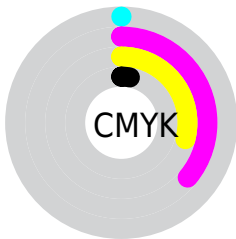
Distribution



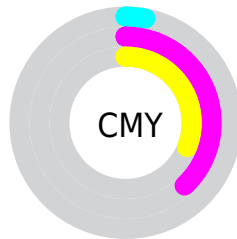
- Red (97%)
- Green (62%)
- Blue (69%)



- Red (97%)
- Yellow (62%)
- Blue (69%)



- Cyan (0%)
- Magenta (36%)
- Yellow (29%)
- Black (3%)




- Cyan (3%)
- Magenta (38%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.7747, 47.5448, 47.1536 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 58.7747, 47.5448, 47.1536 by changing the saturation by 10% instead.


 58.7747, 47.5448,
47.1536


 58.7747, 47.5448,
47.1536


409.9740,
376.9850, 391.8388

 42.6775, 33.4665,
32.8019

 102.1666, 86.5263,
87.2952

 29.8255, 22.4841,
21.7048


 130.1921,
112.1983, 113.9222

 19.8536, 14.2130,
13.4439


162.9242,
142.5037, 145.4781

 12.3963, 8.2690,
7.6006

200.7285,
177.8268, 182.3813

 7.0883, 4.2675,
3.7564

243.9703,
218.5521, 225.0504

 3.5642, 1.8243,
1.4927

293.0149,

 1.4587, 0.5023,

265.0640, 273.9040

0.2125

348.2276,
317.7468, 329.3607

■ 0.2975, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.7747, 47.5448,
47.1536

■ 58.7747, 47.5448,
47.1536

■ 53.1416, 39.1939,
36.2878

■ 65.5509, 57.7221,
59.8170

■ 48.5836, 32.5542,
27.1345

■ 73.5253, 69.8182,
74.3524

■ 45.0315, 27.5083,
19.6052

■ 82.7540, 83.9274,
90.8332

■ 42.4062, 23.9209,
13.6027

■ 92.5214, 98.6965,
108.7817

■ 40.6160, 21.6338,
9.0184

■ 39.5487, 20.4513,
5.7279

■ 39.2783, 20.1832,
4.7968

Harmonies

Analogous

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



57.7886, 47.5448, 66.6581



58.7747, 47.5448, 47.1536



55.8529, 47.5448, 32.8135

Triad

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



58.7747, 47.5448, 47.1536



37.9672, 47.5448, 28.2392



40.5879, 47.5448, 92.5237

Complementary

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



58.7747, 47.5448, 47.1536



61.9530, 80.1181, 87.0661

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.



35.9785, 47.5448, 76.8976



58.7747, 47.5448, 47.1536



34.5699, 47.5448, 39.2792

Square

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



58.7747, 47.5448, 47.1536



43.5485, 47.5448, 23.7341



33.8784, 47.5448, 56.6745



46.8720, 47.5448, 96.0785

Rectangle

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



58.7747, 47.5448, 47.1536



52.2334, 47.5448, 27.0000



33.8784, 47.5448, 56.6745



38.8099, 47.5448, 88.3539

Sweetspot

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



58.7760, 47.5471, 47.1545



83.3404, 82.0288, 88.2013



61.8049, 48.0565, 94.8254



17.5542, 17.1234, 18.3710



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.



58.7760, 47.5471, 47.1545



57.8454, 43.5701, 41.0705



62.2335, 57.1252, 40.0969



17.3865, 17.2820, 18.6250



21.2574, 10.9187, 2.7982



2.0046, 1.0256, 0.4478

Inverse Universe

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



58.7760, 47.5471, 47.1545



57.8454, 43.5701, 41.0705



56.9021, 65.7611, 98.5011



17.3865, 17.2820, 18.6250



21.2574, 10.9187, 2.7982



2.0046, 1.0256, 0.4478

Previews

White Background



This preview shows how the XYZ color 58.7747, 47.5448, 47.1536 looks on a white background.

Color Contrast Check

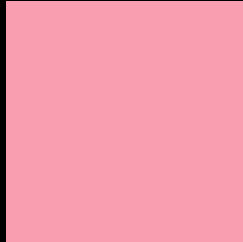
Large Text (above 18pt) WCAG AA × Fail

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 58.7747, 47.5448, 47.1536 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 58.7747, 47.5448, 47.1536

Background



This preview shows how black text looks on a background with the XYZ color 58.7747, 47.5448, 47.1536.



This preview shows how white text looks on a background with the XYZ color 58.7747, 47.5448,

47.1536.

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

58.7747, 47.5448, 47.1536

Protanopia

46.2353, 47.8990, 55.5238

Deuteranopia

48.7186, 47.5832, 46.1519



Tritanopia

58.1066, 47.5107, 44.6360

Trichromacy



Original Color

58.7747, 47.5448, 47.1536

Protanomaly

49.9054, 47.1848, 52.3762

Deuteranomaly

51.8335, 47.1776, 46.4187

Tritanomaly

58.2987, 47.5876, 45.6478

Monochromacy



Original Color

58.7747, 47.5448, 47.1536

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

50.3671, 48.0249, 51.4148

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.7747, 47.5448, 47.1536 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(248, 158, 176) looks like.

```
.text, #text, p{  
    color:rgb(248, 158, 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(248, 158, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 158, 176) }
```

Border

The CSS property to change the border of an element to XYZ 58.7747, 47.5448, 47.1536 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(248, 158, 176) }
```


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

```
.border{ border-color:rgb(248, 158, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 158, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 158, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 158, 176);  
box-shadow:4px 4px 4px 4px rgb(248, 158,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 58.7747, 47.5448, 47.1536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 158, 176) }
```

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

```
.background{ background-color: rgb(248,  
158, 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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