

Converting Colors

XYZ(57.1949, 47.2972, 51.6448)

Have a look what the booklet for
XYZ(57.1949, 47.2972, 51.6448)
contains.

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Color

**XYZ(57.3318, 47.4757,
51.4894)**

Conversions

Conversions Part 1

Format	Color
Hex	F0A1B8
RGB	240, 161, 184
RGB Percent	94%, 63%, 72%
CMY	0.0588, 0.3686, 0.2784
CMYK	0.00, 0.33, 0.23, 0.06
HSL	343°, 72%, 79%
HSV	343°, 33%, 94%
XYZ	57.3318, 47.4757, 51.4894
YIQ	187.2430, 39.7010, 23.9010

Conversions

Conversions Part 2

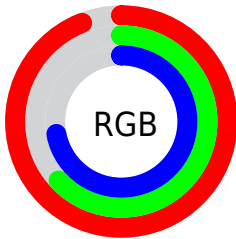
Format	Color
R _Y B	240, 161, 184
Decimal	15770040
CIE Lab	74.49, 32.41, 0.21
CIE LCh	74, 32.408, 0.363
Yxy	47.4757, 0.3668, 0.3038
Android (android.graphics.Color)	4293960120 (0xFFFF0A1B8)
YUV	187.2430, -1.5988, 46.2679
Hunter-Lab	68.9026, 27.9449, 3.9257

Details

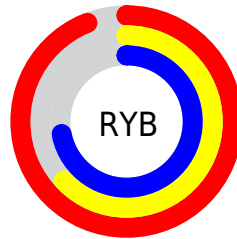
The XYZ color **57.3318, 47.4757, 51.4894** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **58.3845, 74.9082, 77.0309**, and the grayscale version is **47.3654, 49.8321, 54.2672**.

A 20% lighter version of the original color is **81.7810, 77.1770, 93.0244**, and **28.7507, 22.3089, 24.2634** is the 20% darker color. If you saturate the color by 10%, you get **51.8558, 39.2079, 41.3879**, and if you desaturate by 10%, it is **63.8300, 57.4436, 62.9910**.

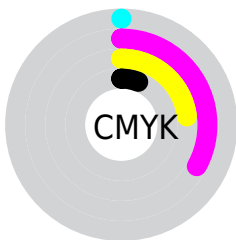
Distribution



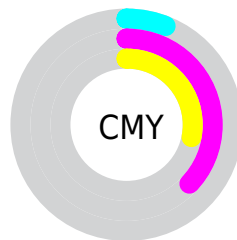
- Red (94%)
- Green (63%)
- Blue (72%)



- Red (94%)
- Yellow (63%)
- Blue (72%)



- Cyan (0%)
- Magenta (33%)
- Yellow (23%)
- Black (6%)





- Cyan (6%)
- Magenta (37%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.3318, 47.4757, 51.4894 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 57.3318, 47.4757, 51.4894 by changing the saturation by 10% instead.

 57.3318, 47.4757,
51.4894


 57.3318, 47.4757,
51.4894


404.6856,
376.7101, 409.3629

 41.5129, 33.4119,
36.2188

 100.0777, 86.4233,
93.7967

 28.9095, 22.4422,
24.3122


 127.7354,
112.0758, 121.6704

 19.1563, 14.1821,
15.3510


160.0701,
142.3600, 154.5824

 11.8879, 8.2475,
8.9168

197.4471,
177.6603, 192.9509

 6.7391, 4.2537,
4.5909

240.2318,
218.3610, 237.1948

 3.3443, 1.8165,
1.9548

288.7896,

 1.3384, 0.4974,

264.8467, 287.7323

0.5273

343.4857,
317.5016, 344.9822

■ 0.2117, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.3318, 47.4757,
51.4894

■ 57.3318, 47.4757,
51.4894

■ 51.8558, 39.2079,
41.3879

■ 63.8300, 57.4436,
62.9910

■ 47.3441, 32.5381,
32.6282

■ 71.3960, 69.1927,
75.9418

■ 43.7391, 27.3634,
25.1521

■ 80.0775, 82.8073,
90.3921

■ 40.9753, 23.5663,
18.8957

■ 89.2749, 97.0772,
106.1744

■ 38.9774, 21.0112,
13.7887

■ 89.7454, 97.2654,
108.6517

■ 37.6558, 19.5344,
9.7523

■ 37.0366, 18.9658,
7.4805

Harmonies

Analogous

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



55.6232, 47.4757, 69.3143



57.3318, 47.4757, 51.4894



55.5414, 47.4757, 37.0605

Triad

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



57.3318, 47.4757, 51.4894



39.6744, 47.4757, 28.5829



39.7876, 47.4757, 85.0495

Complementary

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



57.3318, 47.4757, 51.4894



58.3845, 74.9082, 77.0309

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.



36.0985, 47.4757, 69.7444



57.3318, 47.4757, 51.4894



36.0372, 47.4757, 37.3440

Square

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



57.3318, 47.4757, 51.4894



45.0531, 47.4757, 25.7091



34.7856, 47.4757, 51.8971



45.1954, 47.4757, 91.0580

Rectangle

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



57.3318, 47.4757, 51.4894



52.6863, 47.4757, 30.6431



34.7856, 47.4757, 51.8971



38.3227, 47.4757, 80.6788

Sweetspot

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



57.3331, 47.4779, 51.4904



84.6727, 83.6856, 91.7520



56.8824, 46.4281, 88.4020



17.8339, 17.4593, 19.1531



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.



57.3331, 47.4779, 51.4904



61.7573, 48.3679, 51.7034



58.0526, 52.4660, 40.7882



15.9620, 15.8345, 17.3563



20.3244, 10.4022, 4.3587



1.7325, 0.8820, 0.5822

Inverse Universe

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



57.3331, 47.4779, 51.4904



61.7573, 48.3679, 51.7034



57.1373, 67.2888, 92.4151



15.9620, 15.8345, 17.3563



20.3244, 10.4022, 4.3587



1.7325, 0.8820, 0.5822

Previews

White Background



This preview shows how the XYZ color 57.3318, 47.4757, 51.4894 looks on a white background.

Color Contrast Check

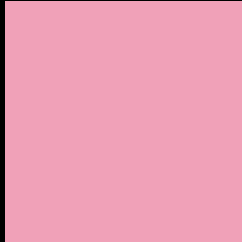
Large Text (above 18pt) WCAG AA × Fail

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 57.3318, 47.4757, 51.4894 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

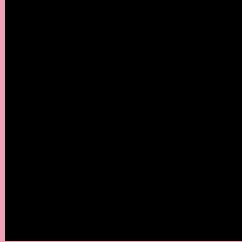
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.3318, 47.4757, 51.4894

Background



This preview shows how black text looks on a background with the XYZ color 57.3318, 47.4757, 51.4894.



This preview shows how white text looks on a background with the XYZ color 57.3318, 47.4757,

51.4894.

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

57.3318, 47.4757, 51.4894

Protanopia

46.5400, 47.9655, 59.6287

Deuteranopia

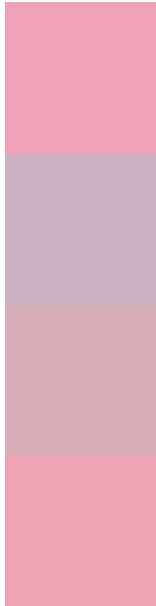
48.6180, 47.7335, 50.3671



Tritanopia

56.4317, 47.6403, 46.7787

Trichromacy



Original Color

57.3318, 47.4757, 51.4894

Protanomaly

49.7462, 47.3031, 56.3777

Deuteranomaly

51.5149, 47.4814, 50.7057

Tritanomaly

56.5528, 47.4057, 48.2890

Monochromacy



Original Color

57.3318, 47.4757, 51.4894

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

50.2369, 48.5078, 53.1695

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.3318, 47.4757, 51.4894 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(240, 161, 184)` looks like.

```
.text, #text, p{  
    color:rgb(240, 161, 184)  
}
```

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(240, 161, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 161, 184) }
```

Border

The CSS property to change the border of an element to XYZ 57.3318, 47.4757, 51.4894 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(240, 161, 184) }
```


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

```
.border{ border-color:rgb(240, 161, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 161, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 161, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 161, 184);  
box-shadow:4px 4px 4px 4px rgb(240, 161,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 57.3318, 47.4757, 51.4894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 161, 184) }
```

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

```
.background{ background-color: rgb(240,  
161, 184) }
```

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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