

Converting Colors

XYZ(55.1371, 43.8909, 47.9375)

Have a look what the booklet for
XYZ(55.1371, 43.8909, 47.9375)
contains.

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Color

**XYZ(55.0377, 43.8728,
47.6870)**

Conversions

Conversions Part 1

Format	Color
Hex	F097B2
RGB	240, 151, 178
RGB Percent	94%, 59%, 70%
CMY	0.0588, 0.4078, 0.3020
CMYK	0.00, 0.37, 0.26, 0.06
HSL	342°, 75%, 77%
HSV	342°, 37%, 94%
XYZ	55.0377, 43.8728, 47.6870
YIQ	180.6890, 44.3770, 27.2650

Conversions

Conversions Part 2

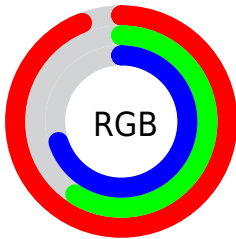
Format	Color
R_{YB}	240, 151, 178
Decimal	15767474
CIE Lab	72.14, 36.82, 0.09
CIE LCh	72, 36.823, 0.137
Yxy	43.8728, 0.3754, 0.2993
Android (android.graphics.Color)	4293957554 (0xFFFF097B2)
YUV	180.6890, -1.3257, 52.0157
Hunter-Lab	66.2365, 32.4064, 3.6797

Details

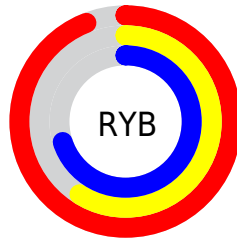
The XYZ color **55.0377, 43.8728, 47.6870** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **55.9348, 73.7048, 74.2328**, and the grayscale version is **43.7443, 46.0224, 50.1184**.

A 20% lighter version of the original color is **78.1626, 71.3431, 87.4929**, and **27.3608, 20.1611, 21.8515** is the 20% darker color. If you saturate the color by 10%, you get **49.9833, 36.2888, 38.2183**, and if you desaturate by 10%, it is **61.0853, 53.1152, 58.4973**.

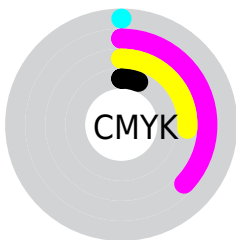
Distribution



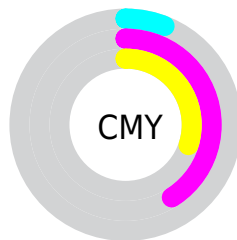
- Red (94%)
- Green (59%)
- Blue (70%)



- Red (94%)
- Yellow (59%)
- Blue (70%)



- Cyan (0%)
- Magenta (37%)
- Yellow (26%)
- Black (6%)




- Cyan (6%)
- Magenta (41%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.0377, 43.8728, 47.6870 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 55.0377, 43.8728, 47.6870 by changing the saturation by 10% instead.

 55.0377, 43.8728,
47.6870


 55.0377, 43.8728,
47.6870


396.1889,
362.1890, 394.0230

 39.6659, 30.5705,
33.2209

 96.7442, 81.0263,
88.0989

 27.4612, 20.2720,
22.0232


 123.8096,
105.6463, 114.8817

 18.0583, 12.5929,
13.6755

155.5035,
134.8077, 146.6072

 11.0918, 7.1488,
7.7591

192.1913,
168.8948, 183.6938

 6.1963, 3.5554,
3.8557

234.2384,
208.2922, 226.5602

 3.0066, 1.4281,
1.5465

282.0102,

 1.1573, 0.2373,

253.3840, 275.6248

0.2522

335.8719,
304.5548, 331.3062

■ 0.0722, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.0377, 43.8728,
47.6870

■ 55.0377, 43.8728,
47.6870

■ 49.9833, 36.2888,
38.2183

■ 61.0853, 53.1152,
58.4973

■ 45.8632, 30.2578,
30.0340

■ 68.1735, 64.1003,
70.6978

■ 42.6176, 25.6725,
23.0763

■ 76.3507, 76.9144,
84.3380

■ 40.1777, 22.4086,
17.2816

■ 85.6613, 91.6360,
99.4638

■ 38.4639, 20.3210,
12.5793

■ 89.7454, 97.2654,
108.6517

■ 37.3751, 19.2229,
8.8884

■ 37.1314, 19.0038,
7.9797

Harmonies

Analogous

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



53.1232, 43.8728, 67.2303



55.0377, 43.8728, 47.6870



53.0892, 43.8728, 32.3707

Triad

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



55.0377, 43.8728, 47.6870



35.9037, 43.8728, 23.5927



35.9492, 43.8728, 84.6549

Complementary

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



55.0377, 43.8728, 47.6870



55.9348, 73.7048, 74.2328

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.



32.0683, 43.8728, 67.4112



55.0377, 43.8728, 47.6870



32.0439, 43.8728, 32.4819

Square

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



55.0377, 43.8728, 47.6870



41.6708, 43.8728, 20.7798



30.7122, 43.8728, 47.8531



41.7288, 43.8728, 91.5880

Rectangle

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



55.0377, 43.8728, 47.6870



49.9640, 43.8728, 25.7661



30.7122, 43.8728, 47.8531



34.4011, 43.8728, 79.6886

Sweetspot

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



55.0389, 43.8749, 47.6879



83.7572, 82.1955, 90.3959



53.8950, 42.3966, 87.7813



17.6530, 17.1629, 18.8910



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.



55.0389, 43.8749, 47.6879



58.9517, 44.0126, 46.8965



55.3995, 48.5154, 35.7252



15.9702, 15.8378, 17.3991



20.3778, 10.4235, 4.6399



1.7378, 0.8842, 0.6101

Inverse Universe

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



55.0389, 43.8749, 47.6879



58.9517, 44.0126, 46.8965



55.0629, 66.0133, 92.2782



15.9702, 15.8378, 17.3991



20.3778, 10.4235, 4.6399



1.7378, 0.8842, 0.6101

Previews

White Background



This preview shows how the XYZ color 55.0377, 43.8728, 47.6870 looks on a white background.

Color Contrast Check

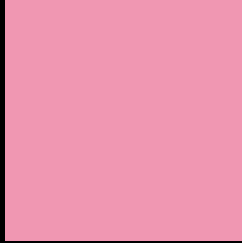
Large Text (above 18pt) WCAG AA × Fail

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 55.0377, 43.8728, 47.6870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

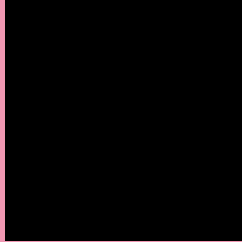
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.0377, 43.8728, 47.6870

Background



This preview shows how black text looks on a background with the XYZ color 55.0377, 43.8728, 47.6870.



This preview shows how white text looks on a background with the XYZ color 55.0377, 43.8728,

47.6870.

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

55.0377, 43.8728, 47.6870

Protanopia

43.0555, 44.1310, 56.7010

Deuteranopia

44.8982, 44.1631, 46.2023



Tritanopia

53.7794, 43.8498, 41.2267

Trichromacy



Original Color

55.0377, 43.8728, 47.6870



Protanomaly

46.4490, 43.4104, 53.5079



Deuteranomaly

47.8773, 43.4949, 46.4294



Tritanomaly

54.0805, 43.7095, 43.6166

Monochromacy



Original Color

55.0377, 43.8728, 47.6870



Achromatopsia

43.9204, 46.2077, 50.3202



Achromatomaly

46.9701, 44.6013, 49.3133

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.0377, 43.8728, 47.6870 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, 151, 178)` looks like.

```
.text, #text, p{  
    color:rgb(240, 151, 178)  
}
```

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, 151, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 151, 178) }
```

Border

The CSS property to change the border of an element to XYZ 55.0377, 43.8728, 47.6870 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, 151, 178) }
```


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

```
.border{ border-color:rgb(240, 151, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 151, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 151, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 151, 178);  
box-shadow:4px 4px 4px 4px rgb(240, 151,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 55.0377, 43.8728, 47.6870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 151, 178) }
```

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

```
.background{ background-color: rgb(240,  
151, 178) }
```

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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