

Converting Colors

XYZ(58.0204, 47.4726, 55.9743)

Have a look what the booklet for
XYZ(58.0204, 47.4726, 55.9743)
contains.

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Color

**XYZ(58.0204, 47.4726,
55.9743)**

Conversions

Conversions Part 1

Format	Color
Hex	F0A0C0
RGB	240, 160, 192
RGB Percent	94%, 63%, 75%
CMY	0.0588, 0.3725, 0.2471
CMYK	0.00, 0.33, 0.20, 0.06
HSL	336°, 73%, 78%
HSV	336°, 33%, 94%
XYZ	58.0204, 47.4726, 55.9743
YIQ	187.5680, 37.4080, 26.9120

Conversions

Conversions Part 2

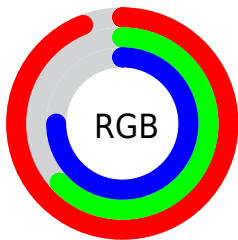
Format	Color
R_{YB}	240, 160, 192
Decimal	15769792
CIE Lab	74.49, 34.10, -4.20
CIE LCh	74, 34.358, 352.983
Yxy	47.4726, 0.3593, 0.2940
Android (android.graphics.Color)	4293959872 (0xFFFF0A0C0)
YUV	187.5680, 2.1850, 45.9829
Hunter-Lab	68.9004, 29.7377, 0.0634

Details

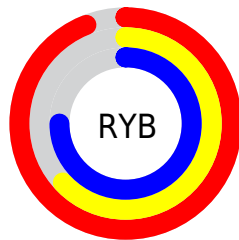
The XYZ color **58.0204, 47.4726, 55.9743** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **57.0445, 74.3491, 71.0222**, and the grayscale version is **47.5294, 50.0046, 54.4550**.

A 20% lighter version of the original color is **82.7391, 77.1490, 99.3374**, and **29.4463, 22.4467, 27.2068** is the 20% darker color. If you saturate the color by 10%, you get **52.7362, 39.3336, 46.7220**, and if you desaturate by 10%, it is **64.2666, 57.2846, 66.3186**.

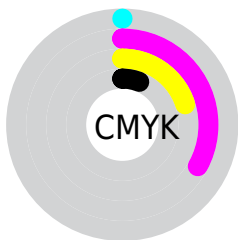
Distribution



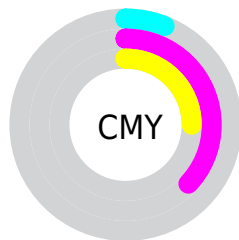
- Red (94%)
- Green (63%)
- Blue (75%)



- Red (94%)
- Yellow (63%)
- Blue (75%)



- Cyan (0%)
- Magenta (33%)
- Yellow (20%)
- Black (6%)





- Cyan (6%)
- Magenta (37%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.0204, 47.4726, 55.9743 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 58.0204, 47.4726, 55.9743 by changing the saturation by 10% instead.


 58.0204, 47.4726,
55.9743

 58.0204, 47.4726,
55.9743


407.2146,
376.6978, 426.9802

 42.0684, 33.4094,
39.7785

 101.0754, 86.4186,
100.4524

 29.3462, 22.4403,
27.0534


 128.9090,
112.0703, 129.5718

 19.4885, 14.1808,
17.3805


161.4339,
142.3535, 163.8361

 12.1298, 8.2465,
10.3413

199.0154,
177.6528, 203.6638

 6.9050, 4.2531,
5.5173

242.0189,
218.3525, 249.4736

 3.4486, 1.8161,
2.4899

290.8096,

 1.3952, 0.4972,

264.8369, 301.6839

0.8348

345.7531,
317.4906, 360.7132

■ 0.2528, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.0204, 47.4726,
55.9743

■ 58.0204, 47.4726,
55.9743

■ 52.7362, 39.3336,
46.7220

■ 64.2666, 57.2846,
66.3186

■ 48.3589, 32.7665,
38.5198

■ 71.5176, 68.8500,
77.7889

■ 44.8343, 27.6692,
31.3272

■ 79.8185, 82.2519,
90.4209

■ 42.1000, 23.9251,
25.0991

■ 88.8887, 96.9227,
104.1406

■ 40.0843, 21.3993,
19.7861

■ 89.7454, 97.2654,
108.6517

■ 38.7013, 19.9283,
15.3325

■ 38.0464, 19.3698,
12.7979

Harmonies

Analogous

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



55.3271, 47.4726, 75.0947



58.0204, 47.4726, 55.9743



57.0126, 47.4726, 39.4695

Triad

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



58.0204, 47.4726, 55.9743



40.6238, 47.4726, 26.1947



38.3167, 47.4726, 84.0310

Complementary

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



58.0204, 47.4726, 55.9743



57.0445, 74.3491, 71.0222

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.



35.0103, 47.4726, 66.2027



58.0204, 47.4726, 55.9743



36.2546, 47.4726, 33.7359

Square

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



58.0204, 47.4726, 55.9743



46.5936, 47.4726, 24.6650



34.2914, 47.4726, 47.6293



43.6803, 47.4726, 93.5297

Rectangle

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



58.0204, 47.4726, 55.9743



54.4182, 47.4726, 31.7283



34.2914, 47.4726, 47.6293



36.9485, 47.4726, 78.6420

Sweetspot

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



58.0218, 47.4748, 55.9753



85.0814, 83.8491, 93.9042



54.3133, 44.8452, 88.2319



17.9324, 17.4987, 19.6717



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.



58.0218, 47.4748, 55.9753



62.3460, 47.9284, 56.8843



56.2847, 49.0709, 39.7655



16.0347, 15.8636, 17.7391



20.8885, 10.6278, 7.3294



1.7856, 0.9033, 0.8616

Inverse Universe

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



58.0218, 47.4748, 55.9753



62.3460, 47.9284, 56.8843



59.0836, 71.4794, 93.1214



16.0347, 15.8636, 17.7391



20.8885, 10.6278, 7.3294



1.7856, 0.9033, 0.8616

Previews

White Background



This preview shows how the XYZ color 58.0204, 47.4726, 55.9743 looks on a white background.

Color Contrast Check

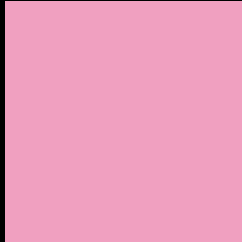
Large Text (above 18pt) WCAG AA × Fail

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 58.0204, 47.4726, 55.9743 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 58.0204, 47.4726, 55.9743

Background



This preview shows how black text looks on a background with the XYZ color 58.0204, 47.4726, 55.9743.



This preview shows how white text looks on a background with the XYZ color 58.0204, 47.4726,

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

58.0204, 47.4726, 55.9743

Protanopia

46.6909, 47.6154, 65.1223

Deuteranopia

48.6589, 47.6570, 54.7782



Tritanopia

56.0950, 47.4667, 46.7629

Trichromacy



Original Color

58.0204, 47.4726, 55.9743

Protanomaly

50.0358, 47.0457, 61.7019

Deuteranomaly

51.5887, 47.1397, 55.0950

Tritanomaly

56.8574, 47.5276, 49.8931

Monochromacy



Original Color

58.0204, 47.4726, 55.9743

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

50.8378, 48.7803, 54.8802

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.0204, 47.4726, 55.9743 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, 160, 192)` looks like.

```
.text, #text, p{  
    color:rgb(240, 160, 192)  
}
```

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, 160, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 160, 192) }
```

Border

The CSS property to change the border of an element to XYZ 58.0204, 47.4726, 55.9743 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, 160, 192) }
```


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

```
.border{ border-color:rgb(240, 160, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 160, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 160, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 160, 192);  
box-shadow:4px 4px 4px 4px rgb(240, 160,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 58.0204, 47.4726, 55.9743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 160, 192) }
```

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

```
.background{ background-color: rgb(240,  
160, 192) }
```

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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