

Converting Colors

XYZ(63.0635, 47.5547, 62.6993)

Have a look what the booklet for
XYZ(63.0635, 47.5547, 62.6993)
contains.

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Color

**XYZ(63.0454, 47.4323,
62.9592)**

Conversions

Conversions Part 1

Format	Color
Hex	FF96CC
RGB	255, 150, 204
RGB Percent	100%, 59%, 80%
CMY	0.0000, 0.4117, 0.2000
CMYK	0.00, 0.41, 0.20, 0.00
HSL	329°, 100%, 79%
HSV	329°, 41%, 100%
XYZ	63.0454, 47.4323, 62.9592
YIQ	187.5510, 45.2460, 39.0540

Conversions

Conversions Part 2

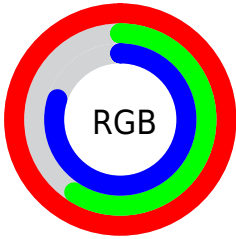
Format	Color
R _Y B	255, 150, 204
Decimal	16750284
CIE Lab	74.47, 46.12, -10.65
CIE LCh	74, 47.331, 347.001
Yxy	47.4323, 0.3635, 0.2735
Android (android.graphics.Color)	4294940364 (0xFFFF96CC)
YUV	187.5510, 8.1094, 59.1528
Hunter-Lab	68.8711, 42.8765, -5.9908

Details

The XYZ color **63.0454, 47.4323, 62.9592** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **58.8821, 82.2220, 68.0288**, and the grayscale version is **47.4842, 49.9571, 54.4033**.

A 20% lighter version of the original color is **81.3613, 72.6226, 104.3371**, and **32.4528, 22.3035, 31.4487** is the 20% darker color. If you saturate the color by 10%, you get **57.9831, 39.5913, 54.2314**, and if you desaturate by 10%, it is **69.1135, 57.0954, 72.6063**.

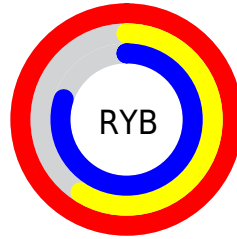
Distribution



Red (100%)

Green (59%)

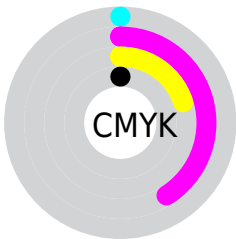
Blue (80%)



Red (100%)

Yellow (59%)

Blue (80%)

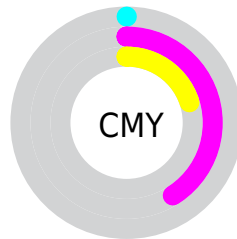


Cyan (0%)

Magenta (41%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (41%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.0454, 47.4323, 62.9592 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 63.0454, 47.4323, 62.9592 by changing the saturation by 10% instead.

 63.0454, 47.4323,
62.9592


 63.0454, 47.4323,
62.9592


425.3913,
376.5375, 453.5253

 46.1367, 33.3775,
45.3674

 108.3165, 86.3586,
110.6957

 32.5588, 22.4158,
31.4019


 137.4095,
111.9988, 141.6774

 21.9463, 14.1628,
20.6440


171.2948,
142.2697, 177.9596

 13.9338, 8.2340,
12.6753

210.3376,
177.5557, 219.9607

 8.1560, 4.2450,
7.0773

254.9033,
218.2410, 268.0992

 4.2476, 1.8115,
3.4313

305.3572,

 1.8431, 0.4944,

264.7102, 322.7938

1.3189

362.0648,
317.3475, 384.4630

■ 0.5435, 0.0000,
0.0772

■ 0.0000, 0.0000,
0.0000

■ 63.0454, 47.4323,
62.9592

■ 63.0454, 47.4323,
62.9592

■ 57.9831, 39.5913,
54.2314

■ 69.1135, 57.0954,
72.6063

■ 53.8623, 33.4488,
46.3864

■ 76.2394, 68.6808,
83.2014

■ 50.6164, 28.8761,
39.3886

■ 84.4753, 82.2890,
94.7752

■ 48.1680, 25.7227,
33.1975

■ 93.8692, 98.0116,
107.3558

■ 46.4244, 23.8085,
27.7672

95.0500, 100.0000,
108.9000

■ 45.3461, 22.9024,
23.5522

Harmonies

Analogous

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



58.1870, 47.4323, 90.8032



63.0454, 47.4323, 62.9592



62.6750, 47.4323, 39.0822

Triad

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



63.0454, 47.4323, 62.9592



40.4512, 47.4323, 18.4696



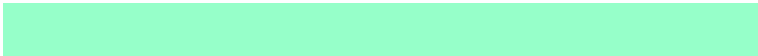
34.7883, 47.4323, 94.2279

Complementary

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



63.0454, 47.4323, 62.9592



58.8821, 82.2220, 68.0288

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.



31.1356, 47.4323, 66.6488



63.0454, 47.4323, 62.9592



34.1107, 47.4323, 25.7595

Square

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



63.0454, 47.4323, 62.9592



48.8773, 47.4323, 18.0447



30.9043, 47.4323, 41.7759



41.4903, 47.4323, 112.3374

Rectangle

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



63.0454, 47.4323, 62.9592



59.5057, 47.4323, 28.2029



30.9043, 47.4323, 41.7759



33.2021, 47.4323, 85.4238

Sweetspot

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



63.0466, 47.4344, 62.9601



83.7518, 81.0860, 93.7814



52.9785, 41.4181, 99.8100



17.6848, 16.9548, 19.7397



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.



63.0466, 47.4344, 62.9601



59.0014, 41.1474, 56.0526



57.7949, 45.3338, 35.3054



18.3994, 18.1431, 20.7202



23.7701, 11.9973, 12.7057



2.3696, 1.1902, 1.5279

Inverse Universe

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



63.0466, 47.4344, 62.9601



59.0014, 41.1474, 56.0526



66.1084, 85.1124, 106.0816



18.3994, 18.1431, 20.7202



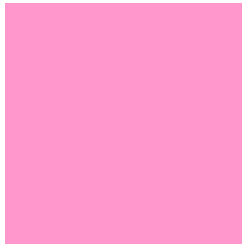
23.7701, 11.9973, 12.7057



2.3696, 1.1902, 1.5279

Previews

White Background



This preview shows how the XYZ color 63.0454, 47.4323, 62.9592 looks on a white background.

Color Contrast Check

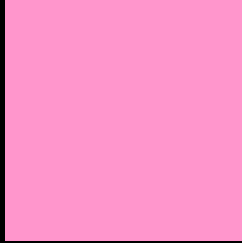
Large Text (above 18pt) WCAG AA × Fail

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 63.0454, 47.4323, 62.9592 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

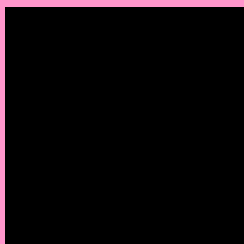
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.0454, 47.4323, 62.9592

Background



This preview shows how black text looks on a background with the XYZ color 63.0454, 47.4323, 62.9592.



This preview shows how white text looks on a background with the XYZ color 63.0454, 47.4323,

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

63.0454, 47.4323, 62.9592

Protanopia

47.7741, 47.8908, 77.9600

Deuteranopia

48.4773, 47.4336, 60.6334



Tritanopia

58.9085, 47.4503, 43.0998

Trichromacy



Original Color

63.0454, 47.4323, 62.9592



Protanomaly

51.5277, 46.4557, 71.8967



Deuteranomaly

52.8641, 46.8212, 61.5095



Tritanomaly

60.0410, 47.1428, 49.6510

Monochromacy



Original Color

63.0454, 47.4323, 62.9592



Achromatopsia

47.7994, 50.2886, 54.7643



Achromatomaly

52.0250, 48.1642, 57.5935

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.0454, 47.4323, 62.9592 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(255, 150, 204)` looks like.

```
.text, #text, p{  
    color:rgb(255, 150, 204)  
}
```

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(255, 150, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 150, 204) }
```

Border

The CSS property to change the border of an element to XYZ 63.0454, 47.4323, 62.9592 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(255, 150, 204) }
```


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

```
.border{ border-color:rgb(255, 150, 204) }
```

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

Here you see how a box with a 4 pixel rgb(255, 150, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 150, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 150, 204);  
box-shadow:4px 4px 4px 4px rgb(255, 150,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 63.0454, 47.4323, 62.9592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 150, 204) }
```

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

```
.background{ background-color: rgb(255,  
150, 204) }
```

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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