

Converting Colors

XYZ(101.5348, 67.3058,
67.2987)

Have a look what the booklet for
XYZ(101.5348, 67.3058, 67.2987)
contains.

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Color

**XYZ(63.5315, 47.6268,
65.5189)**

Conversions

Conversions Part 1

Format	Color
Hex	FF96D0
RGB	255, 150, 208
RGB Percent	100%, 59%, 82%
CMY	0.0000, 0.4117, 0.1843
CMYK	0.00, 0.41, 0.18, 0.00
HSL	327°, 100%, 79%
HSV	327°, 41%, 100%
XYZ	63.5315, 47.6268, 65.5189
YIQ	188.0070, 43.9620, 40.2980

Conversions

Conversions Part 2

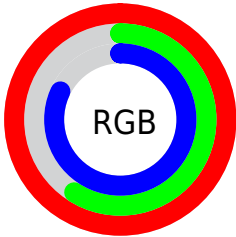
Format	Color
R _Y B	255, 150, 208
Decimal	16750288
CIE Lab	74.59, 46.70, -12.66
CIE LCh	75, 48.390, 344.832
Yxy	47.6268, 0.3596, 0.2696
Android (android.graphics.Color)	4294940368 (0xFFFF96D0)
YUV	188.0070, 9.8565, 58.7529
Hunter-Lab	69.0122, 43.5529, -7.9803

Details

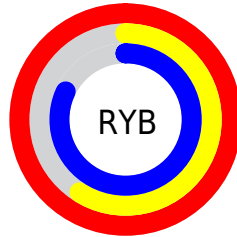
The XYZ color **63.5315, 47.6268, 65.5189** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **58.4176, 82.0361, 65.5824**, and the grayscale version is **47.7335, 50.2194, 54.6889**.

A 20% lighter version of the original color is **81.3613, 72.6226, 104.3371**, and **32.7806, 22.4346, 33.1744** is the 20% darker color. If you saturate the color by 10%, you get **58.5420, 39.8149, 57.1745**, and if you desaturate by 10%, it is **69.5098, 57.2540, 74.6927**.

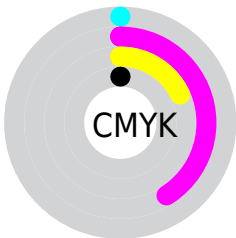
Distribution



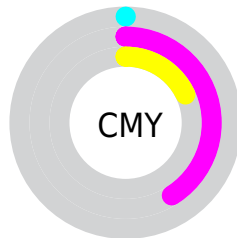
- Red (100%)
- Green (59%)
- Blue (82%)



- Red (100%)
- Yellow (59%)
- Blue (82%)



- Cyan (0%)
- Magenta (41%)
- Yellow (18%)
- Black (0%)





- Cyan (0%)
- Magenta (41%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.5315, 47.6268, 65.5189 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 63.5315, 47.6268, 65.5189 by changing the saturation by 10% instead.


 63.5315, 47.6268,
65.5189


 63.5315, 47.6268,
65.5189


427.1249,
377.3109, 463.0115

 46.5316, 33.5314,
47.4279


 109.0135, 86.6485,
114.4160

 32.8719, 22.5339,
33.0173


 138.2262,
112.3436, 146.0591

 22.1871, 14.2497,
21.8685

172.2406,
142.6741, 183.0568

 14.1118, 8.2945,
13.5629

211.4220,
178.0243, 225.8275

 8.2807, 4.2840,
7.6820

256.1358,
218.7788, 274.7898

 4.3284, 1.8337,
3.8073

306.7473,

 1.8895, 0.5080,

265.3217, 330.3622

1.5203

363.6219,
318.0377, 392.9632

■ 0.5707, 0.0000,
0.2329

■ 0.0000, 0.0000,
0.0000

■ 63.5315, 47.6268,
65.5189

■ 63.5315, 47.6268,
65.5189

■ 58.5420, 39.8149,
57.1745

■ 69.5098, 57.2540,
74.6927

■ 54.4775, 33.6950,
49.6263

■ 76.5281, 68.7964,
84.7214

■ 51.2722, 29.1384,
42.8420

■ 84.6382, 82.3542,
95.6327

■ 48.8492, 25.9953,
36.7848

■ 93.8875, 98.0190,
107.4519

■ 47.1167, 24.0854,
31.4127

95.0500, 100.0000,
108.9000

■ 46.0367, 23.1787,
27.1891

Harmonies

Analogous

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



58.2001, 47.6268, 94.0995



63.5315, 47.6268, 65.5189



63.5636, 47.6268, 40.4721

Triad

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



63.5315, 47.6268, 65.5189



41.0950, 47.6268, 17.8257



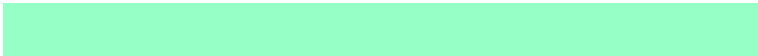
34.3508, 47.6268, 93.8020

Complementary

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



63.5315, 47.6268, 65.5189



58.4176, 82.0361, 65.5824

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.



30.8701, 47.6268, 65.1999



63.5315, 47.6268, 65.5189



34.4090, 47.6268, 24.6360

Square

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



63.5315, 47.6268, 65.5189



49.8157, 47.6268, 17.8617



30.8899, 47.6268, 40.2408



41.0055, 47.6268, 113.6742

Rectangle

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



63.5315, 47.6268, 65.5189



60.5351, 47.6268, 28.9120



30.8899, 47.6268, 40.2408



32.8111, 47.6268, 84.5461

Sweetspot

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



63.5327, 47.6289, 65.5198



83.9257, 81.1555, 94.6972



51.5935, 40.7042, 99.7452



17.7258, 16.9712, 19.9552



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.



63.5327, 47.6289, 65.5198



59.5459, 41.3652, 58.9198



58.2337, 45.5094, 37.6160



18.4293, 18.1550, 20.8780



24.1316, 12.1419, 14.6092



2.4047, 1.2042, 1.7124

Inverse Universe

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



63.5327, 47.6289, 65.5198



59.5459, 41.3652, 58.9198



65.2823, 84.7820, 101.7311



18.4293, 18.1550, 20.8780



24.1316, 12.1419, 14.6092



2.4047, 1.2042, 1.7124

Previews

White Background



This preview shows how the XYZ color 63.5315, 47.6268, 65.5189 looks on a white background.

Color Contrast Check

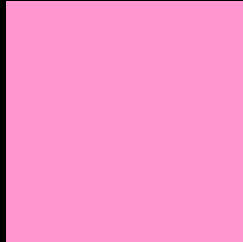
Large Text (above 18pt) WCAG AA × Fail

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 63.5315, 47.6268, 65.5189 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 63.5315, 47.6268, 65.5189

Background



This preview shows how black text looks on a background with the XYZ color 63.5315, 47.6268, 65.5189.



This preview shows how white text looks on a background with the XYZ color 63.5315, 47.6268,

65.5189.

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

63.5315, 47.6268, 65.5189

Protanopia

48.1044, 47.9973, 80.8578

Deuteranopia

48.8919, 47.8895, 63.1666



Tritanopia

59.0021, 47.4877, 43.5924

Trichromacy



Original Color

63.5315, 47.6268, 65.5189



Protanomaly

52.0545, 46.6664, 74.6706



Deuteranomaly

53.3410, 47.0120, 64.0205



Tritanomaly

60.2477, 47.2255, 50.7398

Monochromacy



Original Color

63.5315, 47.6268, 65.5189



Achromatopsia

47.7994, 50.2886, 54.7643



Achromatomaly

52.1378, 48.2093, 58.1871

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.5315, 47.6268, 65.5189 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, 208)` looks like.

```
.text, #text, p{  
    color:rgb(255, 150, 208)  
}
```

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, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 150, 208) }
```

Border

The CSS property to change the border of an element to XYZ 63.5315, 47.6268, 65.5189 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, 208) }
```


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

```
.border{ border-color:rgb(255, 150, 208) }
```

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, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 150, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 150, 208);  
box-shadow:4px 4px 4px 4px rgb(255, 150,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 63.5315, 47.6268, 65.5189 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, 208) }
```

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

```
.background{ background-color: rgb(255,  
150, 208) }
```

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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