

Converting Colors

XYZ(65.8834, 48.4848, 75.5669)

Have a look what the booklet for
XYZ(65.8834, 48.4848, 75.5669)
contains.

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Color

**XYZ(65.3067, 48.0826,
75.6509)**

Conversions

Conversions Part 1

Format	Color
Hex	FF95DF
RGB	255, 149, 223
RGB Percent	100%, 58%, 87%
CMY	0.0000, 0.4157, 0.1255
CMYK	0.00, 0.42, 0.13, 0.00
HSL	318°, 100%, 79%
HSV	318°, 42%, 100%
XYZ	65.3067, 48.0826, 75.6509
YIQ	189.1300, 39.4220, 45.4860

Conversions

Conversions Part 2

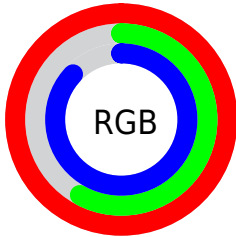
Format	Color
R _Y B	255, 149, 223
Decimal	16750047
CIE Lab	74.88, 49.50, -20.45
CIE LCh	75, 53.557, 337.547
Yxy	48.0826, 0.3455, 0.2544
Android (android.graphics.Color)	4294940127 (0xFFFF95DF)
YUV	189.1300, 16.6979, 57.7680
Hunter-Lab	69.3416, 46.7654, -16.1456

Details

The XYZ color **65.3067, 48.0826, 75.6509** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **56.4966, 81.2466, 56.4235**, and the grayscale version is **48.3371, 50.8544, 55.3804**.

A 20% lighter version of the original color is **81.1213, 72.1426, 104.2571**, and **33.9250, 22.7473, 39.6484** is the 20% darker color. If you saturate the color by 10%, you get **60.6906, 40.4737, 69.1075**, and if you desaturate by 10%, it is **70.8554, 57.4807, 82.7392**.

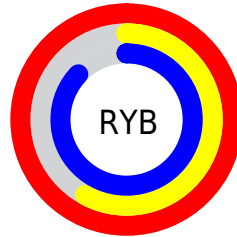
Distribution



Red (100%)

Green (58%)

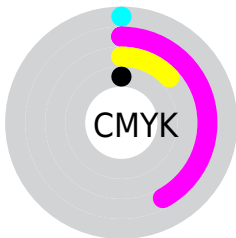
Blue (87%)



Red (100%)

Yellow (58%)

Blue (87%)

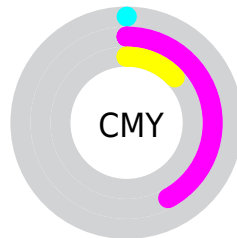


Cyan (0%)

Magenta (42%)

Yellow (13%)

Black (0%)



Cyan (0%)


Magenta (42%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.3067, 48.0826, 75.6509 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 65.3067, 48.0826, 75.6509 by changing the saturation by 10% instead.


 65.3067, 48.0826,
75.6509


 65.3067, 48.0826,
75.6509


433.4211,
379.1194, 499.4668

 47.9754, 33.8923,
55.6414

 111.5539, 87.3274,
128.9889

 34.0186, 22.8109,
39.5134


 141.2006,
113.1506, 163.1544

 23.0709, 14.4539,
26.8484

175.6832,
143.6204, 202.8756

 14.7668, 8.4370,
17.2280

215.3669,
179.1209, 248.5712

 8.7411, 4.3759,
10.2335

260.6172,
220.0367, 300.6595

 4.6285, 1.8860,
5.4464

311.7995,

 2.0635, 0.5399,

266.7521, 359.5592

2.4482

369.2790,
319.6516, 425.6888

■ 0.6692, 0.0000,
0.8125

■ 0.0000, 0.0000,
0.0000

■ 65.3067, 48.0826,
75.6509

■ 65.3067, 48.0826,
75.6509

■ 60.6906, 40.4737,
69.1075

■ 70.8554, 57.4807,
82.7392

■ 56.9448, 34.5312,
63.0834

■ 77.3869, 68.7679,
90.3904

■ 54.0046, 30.1262,
57.5545

■ 84.9516, 82.0443,
98.6247

■ 51.7942, 27.1085,
52.4924

■ 93.5956, 97.4009,
107.4606

■ 50.2228, 25.2972,
47.8636

95.0500, 100.0000,
108.9000

■ 49.2775, 24.4750,
44.2551

Harmonies

Analogous

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



58.1030, 48.0826, 107.4959



65.3067, 48.0826, 75.6509



66.9166, 48.0826, 45.6147

Triad

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



65.3067, 48.0826, 75.6509



43.2831, 48.0826, 15.1303



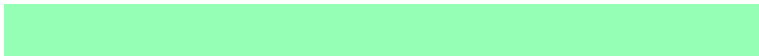
32.3916, 48.0826, 92.3583

Complementary

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



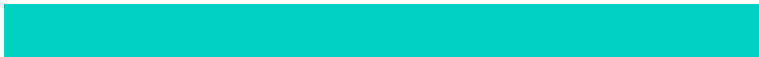
65.3067, 48.0826, 75.6509



56.4966, 81.2466, 56.4235

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.



29.5230, 48.0826, 59.7259



65.3067, 48.0826, 75.6509



35.2028, 48.0826, 20.2824

Square

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



65.3067, 48.0826, 75.6509



53.2408, 48.0826, 16.7613



30.4736, 48.0826, 34.4101



38.9090, 48.0826, 119.2933

Rectangle

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



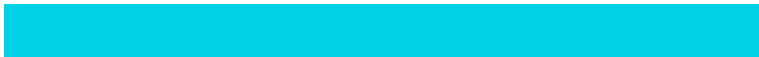
65.3067, 48.0826, 75.6509



64.4175, 48.0826, 31.2437



30.4736, 48.0826, 34.4101



31.0142, 48.0826, 81.3135

Sweetspot

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



65.3079, 48.0847, 75.6519



84.6013, 81.4258, 98.2551



47.8087, 38.5170, 99.5225



17.8850, 17.0349, 20.7939



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.



65.3079, 48.0847, 75.6519



61.3546, 41.5524, 70.0975



59.2636, 45.6670, 43.8231



18.5454, 18.2015, 21.4890



25.8179, 12.8165, 23.4894



2.5623, 1.2673, 2.5424

Inverse Universe

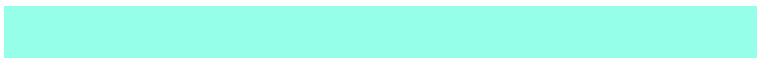
The Inverse Universe completely reimagines the original color for something new.



65.3079, 48.0847, 75.6519



61.3546, 41.5524, 70.0975



62.9783, 83.8393, 90.5556



18.5454, 18.2015, 21.4890



25.8179, 12.8165, 23.4894



2.5623, 1.2673, 2.5424

Previews

White Background



This preview shows how the XYZ color 65.3067, 48.0826, 75.6509 looks on a white background.

Color Contrast Check

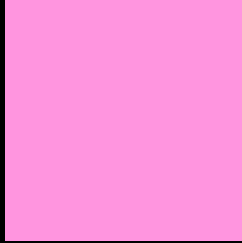
Large Text (above 18pt) WCAG AA × Fail

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 65.3067, 48.0826, 75.6509 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

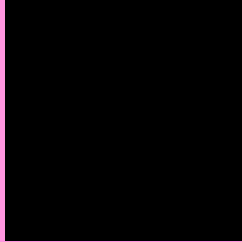
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.3067, 48.0826, 75.6509

Background



This preview shows how black text looks on a background with the XYZ color 65.3067, 48.0826, 75.6509.



This preview shows how white text looks on a background with the XYZ color 65.3067, 48.0826,

75.6509.

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

65.3067, 48.0826, 75.6509

Protanopia

49.4528, 48.3868, 94.7288

Deuteranopia

49.3392, 48.2171, 72.3520



Tritanopia

58.8157, 47.8763, 44.6692

Trichromacy



Original Color

65.3067, 48.0826, 75.6509



Protanomaly

53.3605, 47.0646, 87.1609



Deuteranomaly

54.1255, 47.4875, 73.3311



Tritanomaly

60.7993, 47.6696, 54.7119

Monochromacy



Original Color

65.3067, 48.0826, 75.6509



Achromatopsia

48.3692, 50.8881, 55.4172



Achromatomaly

53.1192, 48.6353, 61.8462

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.3067, 48.0826, 75.6509 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, 149, 223)` looks like.

```
.text, #text, p{  
    color:rgb(255, 149, 223)  
}
```

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, 149, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 149, 223) }
```

Border

The CSS property to change the border of an element to XYZ 65.3067, 48.0826, 75.6509 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, 149, 223) }
```


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

```
.border{ border-color:rgb(255, 149, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 149, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 149, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 149, 223);  
box-shadow:4px 4px 4px 4px rgb(255, 149,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 65.3067, 48.0826, 75.6509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 149, 223) }
```

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

```
.background{ background-color: rgb(255,  
149, 223) }
```

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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