

Converting Colors

XYZ(87.3663, 59.1400, 76.8279)

Have a look what the booklet for
XYZ(87.3663, 59.1400, 76.8279)
contains.

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Color

**XYZ(65.1492, 47.7675,
75.5984)**

Conversions

Conversions Part 1

Format	Color
Hex	FF94DF
RGB	255, 148, 223
RGB Percent	100%, 58%, 87%
CMY	0.0000, 0.4196, 0.1255
CMYK	0.00, 0.42, 0.13, 0.00
HSL	318°, 100%, 79%
HSV	318°, 42%, 100%
XYZ	65.1492, 47.7675, 75.5984
YIQ	188.5430, 39.6970, 46.0090

Conversions

Conversions Part 2

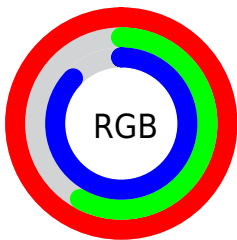
Format	Color
R_{YB}	255, 148, 223
Decimal	16749791
CIE _{Lab}	74.68, 50.00, -20.76
CIE _{LCh}	75, 54.136, 337.455
Yxy	47.7675, 0.3456, 0.2534
Android (android.graphics.Color)	4294939871 (0xFFFF94DF)
YUV	188.5430, 16.9873, 58.2828
Hunter-Lab	69.1140, 47.3105, -16.4728

Details

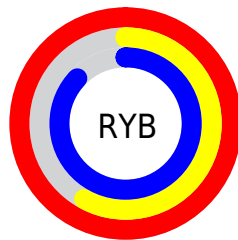
The XYZ color **65.1492, 47.7675, 75.5984** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **56.2126, 81.1120, 55.8763**, and the grayscale version is **48.0005, 50.5003, 54.9948**.

A 20% lighter version of the original color is **80.8829, 71.6657, 104.1776**, and **33.8355, 22.5683, 39.6186** is the 20% darker color. If you saturate the color by 10%, you get **60.5758, 40.2293, 69.1149**, and if you desaturate by 10%, it is **70.6520, 57.0901, 82.6214**.

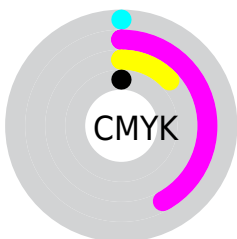
Distribution



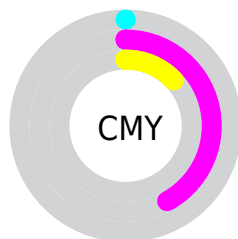
- Red (100%)
- Green (58%)
- Blue (87%)



- 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 65.1492, 47.7675, 75.5984 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 65.1492, 47.7675, 75.5984 by changing the saturation by 10% instead.


 65.1492, 47.7675,
75.5984


 65.1492, 47.7675,
75.5984


432.8647,
377.8698, 499.2820

 47.8472, 33.6428,
55.5986

 111.3288, 86.8581,
128.9139

 33.9167, 22.6193,
39.4793


 140.9372,
112.5929, 163.0667

 22.9922, 14.3127,
26.8221


175.3785,
142.9664, 202.7743

 14.7084, 8.3385,
17.2084

215.0179,
178.3631, 248.4551

 8.7000, 4.3123,
10.2197

260.2209,
219.1674, 300.5278

 4.6015, 1.8497,
5.4373

311.3527,

 2.0478, 0.5179,

265.7637, 359.4108

2.4429

368.7789,
318.5364, 425.5227

■ 0.6606, 0.0000,
0.8097

■ 0.0000, 0.0000,
0.0000

■ 65.1492, 47.7675,
75.5984

■ 65.1492, 47.7675,
75.5984

■ 60.5758, 40.2293,
69.1149

■ 70.6520, 57.0901,
82.6214

■ 56.8695, 34.3522,
63.1455

■ 77.1348, 68.2977,
90.2018

■ 53.9651, 30.0070,
57.6659

■ 84.6481, 81.4903,
98.3601

■ 51.7867, 27.0422,
52.6477

■ 93.2380, 96.7592,
107.1143

■ 50.2423, 25.2756,
48.0571

95.0500, 100.0000,
108.9000

■ 49.3500, 24.5040,
44.6368

Harmonies

Analogous

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



57.8678, 47.7675, 107.7711



65.1492, 47.7675, 75.5984



66.7942, 47.7675, 45.3111

Triad

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



65.1492, 47.7675, 75.5984



42.9977, 47.7675, 14.7267



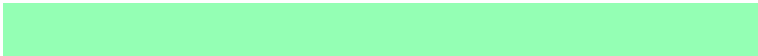
32.0118, 47.7675, 92.2723

Complementary

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



65.1492, 47.7675, 75.5984



56.2126, 81.1120, 55.8763

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.



29.1470, 47.7675, 59.3401



65.1492, 47.7675, 75.5984



34.8681, 47.7675, 19.8298

Square

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



65.1492, 47.7675, 75.5984



53.0258, 47.7675, 16.3677



30.1117, 47.7675, 33.9236



38.5456, 47.7675, 119.5705

Rectangle

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



65.1492, 47.7675, 75.5984



64.2842, 47.7675, 30.8659



30.1117, 47.7675, 33.9236



30.6341, 47.7675, 81.1091

Sweetspot

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



65.1503, 47.7695, 75.5994



83.8160, 80.0207, 97.4828



47.0747, 37.9048, 99.4430



17.5709, 16.4771, 20.4720



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.



65.1503, 47.7695, 75.5994



61.4013, 41.5711, 70.3435



59.1995, 45.3892, 44.2630



18.5476, 18.2024, 21.5009



25.8555, 12.8315, 23.6873



2.5657, 1.2687, 2.5605

Inverse Universe

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



65.1503, 47.7695, 75.5994



61.4013, 41.5711, 70.3435



62.5135, 83.6323, 89.0563



18.5476, 18.2024, 21.5009



25.8555, 12.8315, 23.6873



2.5657, 1.2687, 2.5605

Previews

White Background



This preview shows how the XYZ color 65.1492, 47.7675, 75.5984 looks on a white background.

Color Contrast Check

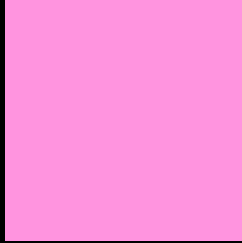
Large Text (above 18pt) WCAG AA × Fail

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 65.1492, 47.7675, 75.5984 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 65.1492, 47.7675, 75.5984

Background



This preview shows how black text looks on a background with the XYZ color 65.1492, 47.7675, 75.5984.



This preview shows how white text looks on a background with the XYZ color 65.1492, 47.7675,

75.5984.

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

65.1492, 47.7675, 75.5984

Protanopia

49.2423, 48.2783, 94.7190

Deuteranopia

49.0953, 48.0914, 72.3406



Tritanopia

58.7208, 47.8383, 44.1690

Trichromacy



Original Color

65.1492, 47.7675, 75.5984



Protanomaly

53.0960, 46.9283, 87.1485



Deuteranomaly

53.6528, 46.9686, 73.2559



Tritanomaly

60.6903, 47.6260, 54.1381

Monochromacy



Original Color

65.1492, 47.7675, 75.5984



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 65.1492, 47.7675, 75.5984 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, 148, 223)` looks like.

```
.text, #text, p{  
    color:rgb(255, 148, 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, 148, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 148, 223) }
```

Border

The CSS property to change the border of an element to XYZ 65.1492, 47.7675, 75.5984 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, 148, 223) }
```


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

```
.border{ border-color:rgb(255, 148, 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, 148, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 148, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 148, 223);  
box-shadow:4px 4px 4px 4px rgb(255, 148,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 65.1492, 47.7675, 75.5984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 148, 223) }
```

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

```
.background{ background-color: rgb(255,  
148, 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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