

Converting Colors

XYZ(119.6987, 75.7135,
70.1793)

Have a look what the booklet for
XYZ(119.6987, 75.7135, 70.1793)
contains.

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Color

**XYZ(63.2768, 46.5209,
67.2724)**

Conversions

Conversions Part 1

Format	Color
Hex	FF92D3
RGB	255, 146, 211
RGB Percent	100%, 57%, 83%
CMY	0.0000, 0.4274, 0.1725
CMYK	0.00, 0.43, 0.17, 0.00
HSL	324°, 100%, 79%
HSV	324°, 43%, 100%
XYZ	63.2768, 46.5209, 67.2724
YIQ	186.0010, 44.0990, 43.3230

Conversions

Conversions Part 2

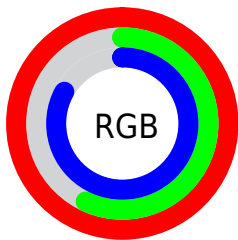
Format	Color
R _Y B	255, 146, 211
Decimal	16749267
CIE _{Lab}	73.88, 49.16, -15.37
CIE _{LCh}	74, 51.512, 342.637
Y _{xy}	46.5209, 0.3574, 0.2627
Android (android.graphics.Color)	4294939347 (0xFFFF92D3)
Y _{UV}	186.0010, 12.3245, 60.5121
Hunter-Lab	68.2062, 46.2385, -10.7339

Details

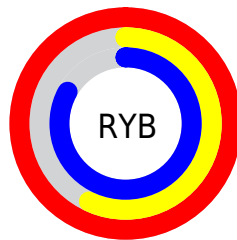
The XYZ color **63.2768, 46.5209, 67.2724** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **56.9100, 81.3495, 61.4209**, and the grayscale version is **46.5897, 49.0160, 53.3784**.

A 20% lighter version of the original color is **80.4105, 70.7211, 104.0202**, and **32.5928, 21.7904, 33.9406** is the 20% darker color. If you saturate the color by 10%, you get **58.5257, 39.0183, 59.5244**, and if you desaturate by 10%, it is **68.9892, 55.8137, 75.7498**.

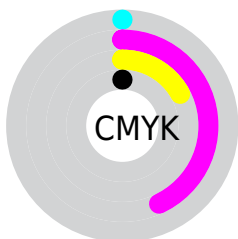
Distribution



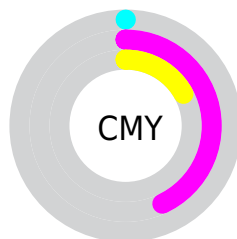
- Red (100%)
- Green (57%)
- Blue (83%)



- Red (100%)
- Yellow (57%)
- Blue (83%)



- Cyan (0%)
- Magenta (43%)
- Yellow (17%)
- Black (0%)



- Cyan (0%)
- Magenta (43%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.2768, 46.5209, 67.2724 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 63.2768, 46.5209, 67.2724 by changing the saturation by 10% instead.

63.2768, 46.5209,
67.2724

63.2768, 46.5209,
67.2724

426.2171,
372.8989, 469.4416

46.3247, 32.6571,
48.8430

108.6483, 84.9980,
116.9550

32.7078, 21.8639,
34.1303

137.7984,
110.3801, 149.0453

22.0609, 13.7569,
22.7155

171.7452,
140.3704, 186.5264

14.0185, 7.9518,
14.1803

210.8541,
175.3533, 229.8167

8.2153, 4.0641,
8.1060

255.4903,
215.7132, 279.3349

4.2860, 1.7095,
4.0741

306.0193,

1.8652, 0.4298,

261.8345, 335.4994

1.6661

362.8065,
314.1016, 398.7288

■ 0.5565, 0.0000,
0.3373

■ 0.0000, 0.0000,
0.0000

■ 63.2768, 46.5209,
67.2724

■ 63.2768, 46.5209,
67.2724

■ 58.5257, 39.0183,
59.5244

■ 68.9892, 55.8137,
75.7498

■ 54.6723, 33.1814,
52.4753

■ 75.7148, 66.9982,
84.9794

■ 51.6498, 28.8789,
46.0955

■ 83.5054, 80.1757,
94.9864

■ 49.3801, 25.9575,
40.3512

■ 92.4081, 95.4382,
105.7934

■ 47.7688, 24.2309,
35.2024

95.0500, 100.0000,
108.9000

■ 46.9124, 23.5290,
31.8007

Harmonies

Analogous

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



57.2714, 46.5209, 97.6406



63.2768, 46.5209, 67.2724



63.7561, 46.5209, 40.3872

Triad

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



63.2768, 46.5209, 67.2724



40.4694, 46.5209, 15.6234



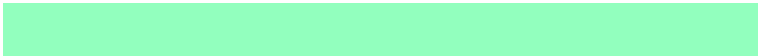
32.4694, 46.5209, 93.1487

Complementary

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



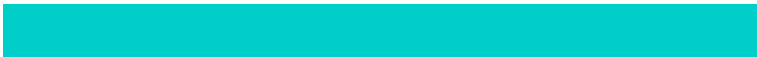
63.2768, 46.5209, 67.2724



56.9100, 81.3495, 61.4209

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.



29.1430, 46.5209, 62.5267



63.2768, 46.5209, 67.2724



33.3138, 46.5209, 21.8399

Square

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



63.2768, 46.5209, 67.2724



49.6918, 46.5209, 16.1208



29.4290, 46.5209, 37.0250



39.1593, 46.5209, 115.7755

Rectangle

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



63.2768, 46.5209, 67.2724



60.7942, 46.5209, 28.0036



29.4290, 46.5209, 37.0250



30.9652, 46.5209, 83.0701

Sweetspot

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



63.2778, 46.5229, 67.2733



83.2911, 79.8108, 94.7189



49.4662, 38.6759, 99.4658



17.4409, 16.4251, 19.7874



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.



63.2778, 46.5229, 67.2733



59.2874, 40.2026, 60.8236



57.5976, 44.2508, 37.3616



18.4641, 18.1689, 21.0610



24.5886, 12.3247, 17.0160



2.4482, 1.2217, 1.9418

Inverse Universe

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



63.2778, 46.5229, 67.2733



59.2874, 40.2026, 60.8236



63.9596, 84.1693, 98.5434



18.4641, 18.1689, 21.0610



24.5886, 12.3247, 17.0160



2.4482, 1.2217, 1.9418

Previews

White Background



This preview shows how the XYZ color 63.2768, 46.5209, 67.2724 looks on a white background.

Color Contrast Check

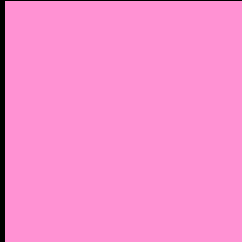
Large Text (above 18pt) WCAG AA × Fail

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 63.2768, 46.5209, 67.2724 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

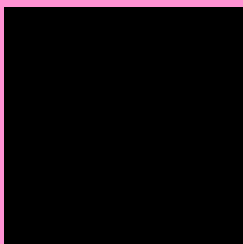
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.2768, 46.5209, 67.2724

Background



This preview shows how black text looks on a background with the XYZ color 63.2768, 46.5209, 67.2724.



This preview shows how white text looks on a background with the XYZ color 63.2768, 46.5209, 67.2724.

67.2724.

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

63.2768, 46.5209, 67.2724

Protanopia

47.3210, 46.9079, 84.4019

Deuteranopia

47.8490, 46.7193, 64.8883



Tritanopia

58.0286, 46.5199, 41.9972

Trichromacy



Original Color

63.2768, 46.5209, 67.2724



Protanomaly

51.5495, 45.7756, 78.0701



Deuteranomaly

52.4620, 45.9726, 65.7831



Tritanomaly

59.8166, 46.5293, 50.0843

Monochromacy



Original Color

63.2768, 46.5209, 67.2724



Achromatopsia

46.6715, 49.1021, 53.4722



Achromatomaly

51.2772, 46.9148, 57.9826

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.2768, 46.5209, 67.2724 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, 146, 211)` looks like.

```
.text, #text, p{  
    color:rgb(255, 146, 211)  
}
```

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, 146, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 146, 211) }
```

Border

The CSS property to change the border of an element to XYZ 63.2768, 46.5209, 67.2724 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, 146, 211) }
```


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

```
.border{ border-color:rgb(255, 146, 211) }
```

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

Here you see how a box with a 4 pixel rgb(255, 146, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 146, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 146, 211);  
box-shadow:4px 4px 4px 4px rgb(255, 146,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 63.2768, 46.5209, 67.2724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 146, 211) }
```

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

```
.background{ background-color: rgb(255,  
146, 211) }
```

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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