

Converting Colors

XYZ(63.4115, 45.5936, 71.0071)

Have a look what the booklet for
XYZ(63.4115, 45.5936, 71.0071)
contains.

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Color

**XYZ(63.4374, 45.6158,
71.1068)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8ED9
RGB	255, 142, 217
RGB Percent	100%, 56%, 85%
CMY	0.0000, 0.4431, 0.1490
CMYK	0.00, 0.44, 0.15, 0.00
HSL	320°, 100%, 78%
HSV	320°, 44%, 100%
XYZ	63.4374, 45.6158, 71.1068
YIQ	184.3370, 43.2730, 47.2810

Conversions

Conversions Part 2

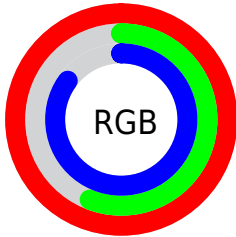
Format	Color
R _Y B	255, 142, 217
Decimal	16748249
CIE Lab	73.30, 52.06, -19.56
CIE LCh	73, 55.616, 339.408
Yxy	45.6158, 0.3521, 0.2532
Android (android.graphics.Color)	4294938329 (0xFFFF8ED9)
YUV	184.3370, 16.1029, 61.9715
Hunter-Lab	67.5395, 49.4646, -15.1440

Details

The XYZ color **63.4374, 45.6158, 71.1068** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **55.1553, 80.5669, 55.8271**, and the grayscale version is **45.6445, 48.0215, 52.2955**.

A 20% lighter version of the original color is **79.4841, 68.8682, 103.7114**, and **32.7763, 21.3238, 36.5708** is the 20% darker color. If you saturate the color by 10%, you get **58.9815, 38.4429, 64.2607**, and if you desaturate by 10%, it is **68.8211, 54.5512, 78.5492**.

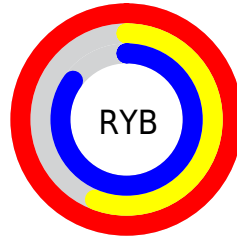
Distribution



Red (100%)

Green (56%)

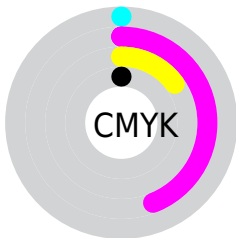
Blue (85%)



Red (100%)

Yellow (56%)

Blue (85%)

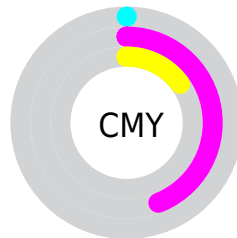


Cyan (0%)

Magenta (44%)

Yellow (15%)

Black (0%)



Cyan (0%)


Magenta (44%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.4374, 45.6158, 71.1068 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 63.4374, 45.6158, 71.1068 by changing the saturation by 10% instead.


 63.4374, 45.6158,
71.1068


 63.4374, 45.6158,
71.1068


426.7896,
369.2619, 483.3204

 46.4551, 31.9427,
51.9470

 108.8786, 83.6437,
122.4817

 32.8113, 21.3178,
36.5809


 138.0682,
108.7674, 155.5338

 22.1404, 13.3565,
24.5899


172.0576,
138.4767, 194.0538

 14.0773, 7.6745,
15.5556

211.2122,
173.1560, 238.4601

 8.2565, 3.8874,
9.0593

255.8974,
213.1898, 289.1715

 4.3127, 1.6108,
4.6825

306.4785,

 1.8805, 0.3648,

258.9625, 346.6062

2.0068

363.3207,
310.8584, 411.1831

■ 0.5655, 0.0000,
0.5594

■ 0.0000, 0.0000,
0.0000

■ 63.4374, 45.6158,
71.1068

■ 63.4374, 45.6158,
71.1068

■ 58.9815, 38.4429,
64.2607

■ 68.8211, 54.5512,
78.5492

■ 55.3894, 32.9064,
57.9837

■ 75.1846, 65.3521,
86.6079

■ 52.5937, 28.8727,
52.2495

■ 82.5795, 78.1206,
95.3047

■ 50.5149, 26.1844,
47.0271

■ 91.0531, 92.9495,
104.6594

■ 49.0559, 24.6487, 95.0500, 100.0000,
42.2794 108.9000

■ 48.4244, 24.1338,
39.7626

Harmonies

Analogous

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



56.4159, 45.6158, 103.9450



63.4374, 45.6158, 71.1068



64.6672, 45.6158, 41.3788

Triad

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



63.4374, 45.6158, 71.1068



40.3563, 45.6158, 13.2420



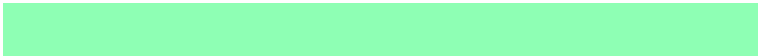
30.3957, 45.6158, 92.2742

Complementary

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



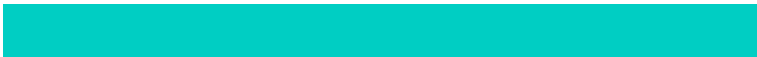
63.4374, 45.6158, 71.1068



55.1553, 80.5669, 55.8271

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.



27.3322, 45.6158, 58.9960



63.4374, 45.6158, 71.1068



32.4860, 45.6158, 18.6069

Square

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



63.4374, 45.6158, 71.1068



50.3085, 45.6158, 14.3989



28.0352, 45.6158, 33.0397



37.0763, 45.6158, 119.0150

Rectangle

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



63.4374, 45.6158, 71.1068



61.8769, 45.6158, 27.6488



28.0352, 45.6158, 33.0397



28.9580, 45.6158, 81.0630

Sweetspot

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



63.4385, 45.6178, 71.1077



83.6281, 79.9456, 96.4934



46.4699, 36.2319, 99.1520



17.5243, 16.4584, 20.2266



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.



63.4385, 45.6178, 71.1077



59.5152, 39.2876, 65.1254



57.3328, 43.1755, 38.9557



18.5178, 18.1904, 21.3437



25.3752, 12.6394, 21.1581



2.5216, 1.2510, 2.3284

Inverse Universe

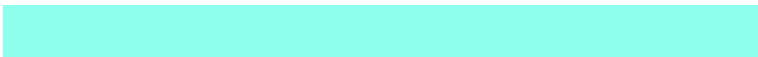
The Inverse Universe completely reimagines the original color for something new.



63.4385, 45.6178, 71.1077



59.5152, 39.2876, 65.1254



62.0812, 83.3373, 92.2984



18.5178, 18.1904, 21.3437



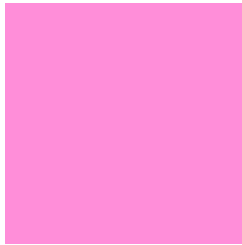
25.3752, 12.6394, 21.1581



2.5216, 1.2510, 2.3284

Previews

White Background



This preview shows how the XYZ color 63.4374, 45.6158, 71.1068 looks on a white background.

Color Contrast Check

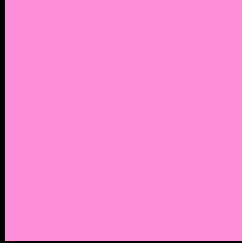
Large Text (above 18pt) WCAG AA × Fail

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 63.4374, 45.6158, 71.1068 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

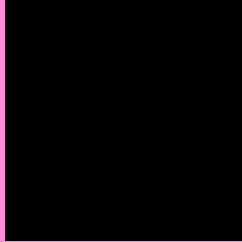
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.4374, 45.6158, 71.1068

Background



This preview shows how black text looks on a background with the XYZ color 63.4374, 45.6158, 71.1068.



This preview shows how white text looks on a background with the XYZ color 63.4374, 45.6158,

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

63.4374, 45.6158, 71.1068

Protanopia

46.9983, 45.9932, 91.1945

Deuteranopia

46.8116, 45.8211, 68.0051



Tritanopia

57.1590, 45.6025, 40.9115

Trichromacy



Original Color

63.4374, 45.6158, 71.1068



Protanomaly

51.0714, 44.5865, 83.7562



Deuteranomaly

51.5802, 44.9103, 68.9008



Tritanomaly

59.0784, 45.4230, 50.4535

Monochromacy



Original Color

63.4374, 45.6158, 71.1068



Achromatopsia

45.5594, 47.9320, 52.1980



Achromatomaly

50.7301, 46.0631, 58.4419

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.4374, 45.6158, 71.1068 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, 142, 217)` looks like.

```
.text, #text, p{  
    color:rgb(255, 142, 217)  
}
```

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, 142, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 142, 217) }
```

Border

The CSS property to change the border of an element to XYZ 63.4374, 45.6158, 71.1068 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, 142, 217) }
```


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

```
.border{ border-color:rgb(255, 142, 217) }
```

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

Here you see how a box with a 4 pixel rgb(255, 142, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 142, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 142, 217);  
box-shadow:4px 4px 4px 4px rgb(255, 142,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 63.4374, 45.6158, 71.1068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 142, 217) }
```

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

```
.background{ background-color: rgb(255,  
142, 217) }
```

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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