

Converting Colors

XYZ(63.1787, 45.5123, 69.7448)

Have a look what the booklet for
XYZ(63.1787, 45.5123, 69.7448)
contains.

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Color

**XYZ(63.1787, 45.5123,
69.7448)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8ED7
RGB	255, 142, 215
RGB Percent	100%, 56%, 84%
CMY	0.0000, 0.4431, 0.1569
CMYK	0.00, 0.44, 0.16, 0.00
HSL	321°, 100%, 78%
HSV	321°, 44%, 100%
XYZ	63.1787, 45.5123, 69.7448
YIQ	184.1090, 43.9150, 46.6590

Conversions

Conversions Part 2

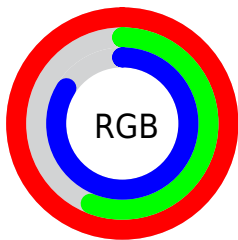
Format	Color
R _Y B	255, 142, 215
Decimal	16748247
CIE Lab	73.23, 51.76, -18.56
CIE LCh	73, 54.987, 340.270
Yxy	45.5123, 0.3541, 0.2551
Android (android.graphics.Color)	4294938327 (0xFFFF8ED7)
YUV	184.1090, 15.2293, 62.1714
Hunter-Lab	67.4628, 49.1048, -14.0716

Details

The XYZ color **63.1787, 45.5123, 69.7448** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **55.3606, 80.6490, 56.9082**, and the grayscale version is **45.5229, 47.8937, 52.1562**.

A 20% lighter version of the original color is **79.4841, 68.8682, 103.7114**, and **32.5998, 21.2533, 35.6418** is the 20% darker color. If you saturate the color by 10%, you get **58.6814, 38.3229, 62.6801**, and if you desaturate by 10%, it is **68.6100, 54.4668, 77.4377**.

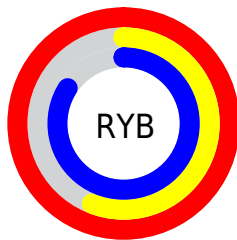
Distribution



Red (100%)

Green (56%)

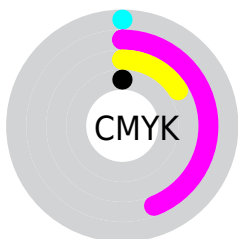
Blue (84%)



Red (100%)

Yellow (56%)

Blue (84%)

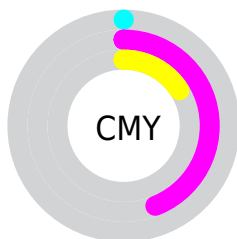


Cyan (0%)

Magenta (44%)

Yellow (16%)

Black (0%)



Cyan (0%)

Magenta (44%)


Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.1787, 45.5123, 69.7448 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 63.1787, 45.5123, 69.7448 by changing the saturation by 10% instead.


 63.1787, 45.5123,
69.7448


 63.1787, 45.5123,
69.7448


425.8671,
368.8444, 478.4183

 46.2450, 31.8611,
50.8430

 108.5076, 83.4886,
120.5224

 32.6446, 21.2555,
35.7078


 137.6336,
108.5826, 153.2354

 22.0123, 13.3109,
23.9207

171.5543,
138.2596, 191.3891

 13.9826, 7.6430,
15.0632

210.6352,
172.9041, 235.4021

 8.1902, 3.8673,
8.7166

255.2415,
212.9004, 285.6930

 4.2697, 1.5996,
4.4625

305.7387,

 1.8558, 0.3574,

258.6330, 342.6803

1.8824

362.4921,
310.4862, 406.7826

■ 0.5510, 0.0000,
0.4815

■ 0.0000, 0.0000,
0.0000

■ 63.1787, 45.5123,
69.7448

■ 63.1787, 45.5123,
69.7448

■ 58.6814, 38.3229,
62.6801

■ 68.6100, 54.4668,
77.4377

■ 55.0536, 32.7721,
56.2155

■ 75.0272, 65.2892,
85.7794

■ 52.2280, 28.7264,
50.3238

■ 82.4822, 78.0817,
94.7926

■ 50.1249, 26.0284,
44.9733

■ 91.0224, 92.9372,
104.4977

■ 48.6470, 24.4851,
40.1260

95.0500, 100.0000,
108.9000

■ 48.0071, 23.9668,
37.5649

Harmonies

Analogous

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



56.3938, 45.5123, 102.1612



63.1787, 45.5123, 69.7448



64.2036, 45.5123, 40.6720

Triad

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



63.1787, 45.5123, 69.7448



40.0336, 45.5123, 13.5025



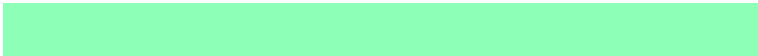
30.5895, 45.5123, 92.4497

Complementary

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



63.1787, 45.5123, 69.7448



55.3606, 80.6490, 56.9082

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.



27.4493, 45.5123, 59.6458



63.1787, 45.5123, 69.7448



32.3391, 45.5123, 19.0632

Square

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



63.1787, 45.5123, 69.7448



49.8287, 45.5123, 14.4783



28.0382, 45.5123, 33.6944



37.2920, 45.5123, 118.2886

Rectangle

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



63.1787, 45.5123, 69.7448



61.3424, 45.5123, 27.3058



28.0382, 45.5123, 33.6944



29.1310, 45.5123, 81.4565

Sweetspot

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



63.1798, 45.5143, 69.7457



83.5392, 79.9100, 96.0252



46.9103, 36.4589, 99.1726



17.5023, 16.4496, 20.1107



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.



63.1798, 45.5143, 69.7457



59.2202, 39.1696, 63.5717



57.1681, 43.1096, 38.0886



18.5036, 18.1848, 21.2692



25.1584, 12.5526, 20.0162



2.5016, 1.2430, 2.2227

Inverse Universe

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



63.1798, 45.5143, 69.7457



59.2202, 39.1696, 63.5717



62.3566, 83.4474, 93.7486



18.5036, 18.1848, 21.2692



25.1584, 12.5526, 20.0162



2.5016, 1.2430, 2.2227

Previews

White Background



This preview shows how the XYZ color 63.1787, 45.5123, 69.7448 looks on a white background.

Color Contrast Check

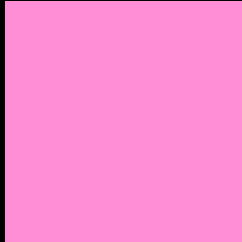
Large Text (above 18pt) WCAG AA × Fail

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 63.1787, 45.5123, 69.7448 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

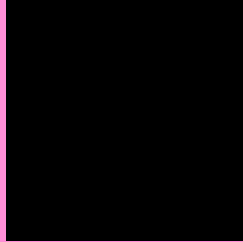
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.1787, 45.5123, 69.7448

Background



This preview shows how black text looks on a background with the XYZ color 63.1787, 45.5123, 69.7448.



This preview shows how white text looks on a background with the XYZ color 63.1787, 45.5123,

69.7448.

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

63.1787, 45.5123, 69.7448

Protanopia

46.7528, 45.9186, 88.8371

Deuteranopia

46.8011, 45.8445, 66.7038



Tritanopia

56.9960, 45.2765, 40.8572

Trichromacy



Original Color

63.1787, 45.5123, 69.7448



Protanomaly

50.6439, 44.4156, 81.5051



Deuteranomaly

51.6117, 44.9557, 67.5851



Tritanomaly

58.9208, 45.1079, 50.4010

Monochromacy



Original Color

63.1787, 45.5123, 69.7448



Achromatopsia

45.5594, 47.9320, 52.1980



Achromatomaly

50.6166, 46.0177, 57.8443

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.1787, 45.5123, 69.7448 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, 215)` looks like.

```
.text, #text, p{  
    color:rgb(255, 142, 215)  
}
```

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, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 142, 215) }
```

Border

The CSS property to change the border of an element to XYZ 63.1787, 45.5123, 69.7448 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, 215) }
```


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

```
.border{ border-color:rgb(255, 142, 215) }
```

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, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 142, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 142, 215);  
box-shadow:4px 4px 4px 4px rgb(255, 142,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 63.1787, 45.5123, 69.7448 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, 215) }
```

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

```
.background{ background-color: rgb(255,  
142, 215) }
```

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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