

Converting Colors

XYZ(63.3497, 50.3564, 71.7228)

Have a look what the booklet for
XYZ(63.3497, 50.3564, 71.7228)
contains.

XYZ(63.4508, 50.4432, 72.0379)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(63.4508, 50.4432,
72.0379)**

Conversions

Conversions Part 1

Format	Color
Hex	F6A2D9
RGB	246, 162, 217
RGB Percent	96%, 64%, 85%
CMY	0.0353, 0.3647, 0.1490
CMYK	0.00, 0.34, 0.12, 0.04
HSL	321°, 82%, 80%
HSV	321°, 34%, 96%
XYZ	63.4508, 50.4432, 72.0379
YIQ	193.3860, 32.4090, 34.9130

Conversions

Conversions Part 2

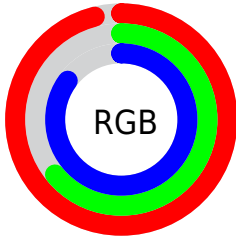
Format	Color
R _Y B	246, 162, 217
Decimal	16163545
CIE Lab	76.34, 38.97, -15.07
CIE LCh	76, 41.779, 338.863
Yxy	50.4432, 0.3413, 0.2713
Android (android.graphics.Color)	4294353625 (0xFFF6A2D9)
YUV	193.3860, 11.6417, 46.1425
Hunter-Lab	71.0234, 35.1773, -10.4206

Details

The XYZ color **63.4508, 50.4432, 72.0379** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **57.2622, 77.3561, 61.2068**, and the grayscale version is **50.8372, 53.4847, 58.2448**.

A 20% lighter version of the original color is **84.3614, 78.6228, 105.3371**, and **32.7293, 24.2373, 37.1357** is the 20% darker color. If you saturate the color by 10%, you get **58.4576, 42.1790, 65.0627**, and if you desaturate by 10%, it is **69.3515, 60.4299, 79.5972**.

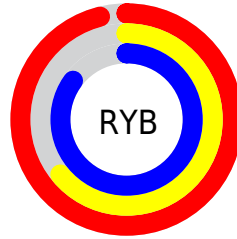
Distribution



Red (96%)

Green (64%)

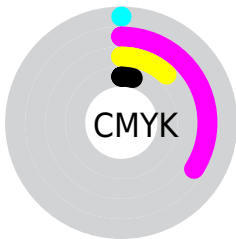
Blue (85%)



Red (96%)

Yellow (64%)

Blue (85%)

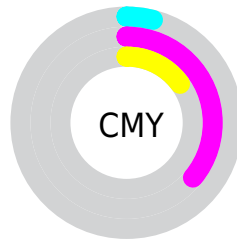


Cyan (0%)

Magenta (34%)

Yellow (12%)

Black (4%)



Cyan (4%)


Magenta (36%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.4508, 50.4432, 72.0379 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 63.4508, 50.4432, 72.0379 by changing the saturation by 10% instead.


 63.4508, 50.4432,
72.0379


 63.4508, 50.4432,
72.0379


426.8374,
388.3966, 486.6546

 46.4660, 35.7657,
52.7026

 108.8978, 90.8312,
123.8186

 32.8199, 24.2533,
37.1793


 138.0907,
117.3105, 157.1012

 22.1471, 15.5216,
25.0495


172.0837,
148.4924, 195.8698

 14.0822, 9.1863,
15.8946

211.2421,
184.7615, 240.5432

 8.2600, 4.8629,
9.2960

255.9314,
226.5020, 291.5399

 4.3149, 2.1670,
4.8353


306.5167,

 1.8818, 0.7019,


274.0985, 349.2783


2.0939


363.3636,
327.9352, 414.1770


 0.5662, 0.0000,
0.6122


 0.0000, 0.0000,
0.0000


 63.4508, 50.4432,
72.0379

 63.4508, 50.4432,
72.0379


 58.4576, 42.1790,
65.0627


 69.3515, 60.4299,
79.5972


 54.3169, 35.5307,
58.6475

 76.2015, 72.2238,
87.7571

 50.9745, 30.3908,
52.7705

 84.0455, 85.9121,
96.5369

 48.3678, 26.6355,
47.4065

 91.1751, 98.0765,
105.3711

■ 46.4243, 24.1213,
42.5268

■ 91.8165, 98.3331,
108.7487

■ 45.0557, 22.6728,
38.0974

■ 44.4454, 22.1686,
35.6856

Harmonies

Analogous

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



58.0559, 50.4432, 95.9405



63.4508, 50.4432, 72.0379



64.4632, 50.4432, 48.5275

Triad

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



63.4508, 50.4432, 72.0379



45.6559, 50.4432, 22.3209



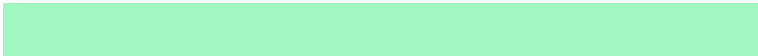
37.1234, 50.4432, 86.7682

Complementary

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



63.4508, 50.4432, 72.0379



57.2622, 77.3561, 61.2068

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.



34.5207, 50.4432, 61.8595



63.4508, 50.4432, 72.0379



39.0815, 50.4432, 27.6667

Square

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



63.4508, 50.4432, 72.0379



53.5977, 50.4432, 23.6596



35.1962, 50.4432, 40.7611



42.7040, 50.4432, 105.9317

Rectangle

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



63.4508, 50.4432, 72.0379



62.4200, 50.4432, 36.5837



35.1962, 50.4432, 40.7611



35.9006, 50.4432, 78.5526

Sweetspot

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



63.4523, 50.4455, 72.0389



86.0625, 84.2416, 99.0708



50.7923, 43.4442, 92.8983



18.1697, 17.5936, 20.9214



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.



63.4523, 50.4455, 72.0389



64.9917, 48.3260, 72.8534



58.7648, 48.5705, 47.3546



16.9564, 16.6654, 19.5169



23.7916, 11.8601, 19.4086



2.1393, 1.0617, 1.9600

Inverse Universe

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



63.4523, 50.4455, 72.0389



64.9917, 48.3260, 72.8534



62.4234, 79.4206, 88.3851



16.9564, 16.6654, 19.5169



23.7916, 11.8601, 19.4086



2.1393, 1.0617, 1.9600

Previews

White Background



This preview shows how the XYZ color 63.4508, 50.4432, 72.0379 looks on a white background.

Color Contrast Check

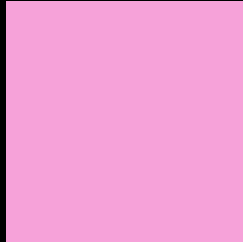
Large Text (above 18pt) WCAG AA × Fail

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 63.4508, 50.4432, 72.0379 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 63.4508, 50.4432, 72.0379

Background



This preview shows how black text looks on a background with the XYZ color 63.4508, 50.4432, 72.0379.



This preview shows how white text looks on a background with the XYZ color 63.4508, 50.4432,

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

63.4508, 50.4432, 72.0379

Protanopia

50.9817, 50.9461, 84.9885

Deuteranopia

51.9157, 50.8208, 70.0239



Tritanopia

59.1464, 50.5894, 50.3634

Trichromacy



Original Color

63.4508, 50.4432, 72.0379



Protanomaly

54.5526, 50.1387, 80.2013



Deuteranomaly

55.3945, 50.2018, 70.3886



Tritanomaly

60.3360, 50.2222, 57.5527

Monochromacy



Original Color

63.4508, 50.4432, 72.0379



Achromatopsia

50.6879, 53.3276, 58.0738



Achromatomaly

54.5400, 51.7172, 62.9850

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.4508, 50.4432, 72.0379 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(246, 162, 217)` looks like.

```
.text, #text, p{  
    color:rgb(246, 162, 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(246, 162, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 162, 217) }
```

Border

The CSS property to change the border of an element to XYZ 63.4508, 50.4432, 72.0379 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(246, 162, 217) }
```


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

```
.border{ border-color:rgb(246, 162, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 162, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 162, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 162, 217);  
box-shadow:4px 4px 4px 4px rgb(246, 162,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 63.4508, 50.4432, 72.0379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 162, 217) }
```

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

```
.background{ background-color: rgb(246,  
162, 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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