

Converting Colors

XYZ(64.4442, 48.2483, 69.5346)

Have a look what the booklet for
XYZ(64.4442, 48.2483, 69.5346)
contains.

XYZ(64.4442, 48.2483, 69.5346)	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(64.4442, 48.2483,
69.5346)**

Conversions

Conversions Part 1

Format	Color
Hex	FF97D6
RGB	255, 151, 214
RGB Percent	100%, 59%, 84%
CMY	0.0000, 0.4078, 0.1608
CMYK	0.00, 0.41, 0.16, 0.00
HSL	324°, 100%, 80%
HSV	324°, 41%, 100%
XYZ	64.4442, 48.2483, 69.5346
YIQ	189.2780, 41.7610, 41.6410

Conversions

Conversions Part 2

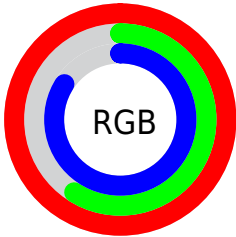
Format	Color
R _Y B	255, 151, 214
Decimal	16750550
CIE Lab	74.98, 47.10, -15.37
CIE LCh	75, 49.540, 341.930
Yxy	48.2483, 0.3536, 0.2648
Android (android.graphics.Color)	4294940630 (0xFFFF97D6)
YUV	189.2780, 12.1879, 57.6382
Hunter-Lab	69.4610, 44.0512, -10.7301

Details

The XYZ color **64.4442, 48.2483, 69.5346** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **58.0388, 81.9060, 62.6229**, and the grayscale version is **48.4458, 50.9688, 55.5050**.

A 20% lighter version of the original color is **81.6028, 73.1056, 104.4176**, and **33.2977, 22.7884, 35.4445** is the 20% darker color. If you saturate the color by 10%, you get **59.5307, 40.4129, 61.7567**, and if you desaturate by 10%, it is **70.3268, 57.8945, 78.0277**.

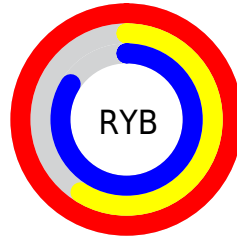
Distribution



Red (100%)

Green (59%)

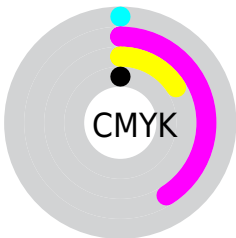
Blue (84%)



Red (100%)

Yellow (59%)

Blue (84%)

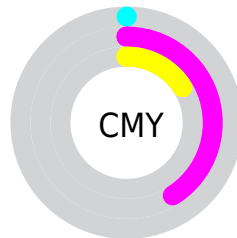


Cyan (0%)

Magenta (41%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (41%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.4442, 48.2483, 69.5346 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 64.4442, 48.2483, 69.5346 by changing the saturation by 10% instead.


 64.4442, 48.2483,
69.5346

 64.4442, 48.2483,
69.5346


430.3688,
379.7755, 477.6591

 47.2736, 34.0236,
50.6728


 110.3206, 87.5740,
120.2197

 33.4608, 22.9117,
35.5733


 139.7570,
113.4437, 152.8800

 22.6406, 14.5283,
23.8178


174.0128,
143.9639, 190.9770

 14.4476, 8.4890,
14.9875

213.4532,
179.5189, 234.9290

 8.5164, 4.4094,
8.6641

258.4437,
220.4932, 285.1547

 4.4817, 1.9051,
4.4289

309.3495,

 1.9781, 0.5515,

267.2711, 342.0726

1.8635

366.5361,
320.2371, 406.1012

■ 0.6216, 0.0000,
0.4694

■ 0.0000, 0.0000,
0.0000

■ 64.4442, 48.2483,
69.5346

■ 64.4442, 48.2483,
69.5346

■ 59.5307, 40.4129,
61.7567

■ 70.3268, 57.8945,
78.0277

■ 55.5235, 34.2659,
54.6643

■ 77.2288, 69.4509,
87.2579

■ 52.3578, 29.6795,
48.2292

■ 85.2014, 83.0171,
97.2493

■ 49.9579, 26.5049,
42.4189

■ 94.2911, 98.6842,
108.0241

■ 48.2334, 24.5639,
37.1955

95.0500, 100.0000,
108.9000

■ 47.1117, 23.6087,
32.8500

Harmonies

Analogous

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



58.4796, 48.2483, 98.9449



64.4442, 48.2483, 69.5346



65.0506, 48.2483, 42.9026

Triad

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



64.4442, 48.2483, 69.5346



42.3591, 48.2483, 17.3338



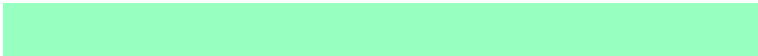
34.1061, 48.2483, 93.3057

Complementary

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



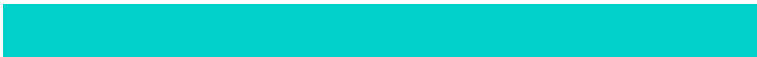
64.4442, 48.2483, 69.5346



58.0388, 81.9060, 62.6229

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.



30.8697, 48.2483, 63.5091



64.4442, 48.2483, 69.5346



35.1982, 48.2483, 23.5238

Square

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



64.4442, 48.2483, 69.5346



51.4633, 48.2483, 18.0011



31.2413, 48.2483, 38.5585



40.6763, 48.2483, 115.4802

Rectangle

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



64.4442, 48.2483, 69.5346



62.2461, 48.2483, 30.3624



31.2413, 48.2483, 38.5585



32.6337, 48.2483, 83.4995

Sweetspot

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



64.4454, 48.2504, 69.5356



84.1713, 81.2538, 95.9906



50.5710, 40.4150, 99.7432



17.7836, 16.9943, 20.2598



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.



64.4454, 48.2504, 69.5356



60.3382, 41.6821, 63.0916



58.9310, 46.0447, 40.4972



18.4716, 18.1719, 21.1005



24.6925, 12.3663, 17.5629



2.4580, 1.2256, 1.9933

Inverse Universe

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



64.4454, 48.2504, 69.5356



60.3382, 41.6821, 63.0916



64.6814, 84.5630, 97.6023



18.4716, 18.1719, 21.1005



24.6925, 12.3663, 17.5629



2.4580, 1.2256, 1.9933

Previews

White Background



This preview shows how the XYZ color 64.4442, 48.2483, 69.5346 looks on a white background.

Color Contrast Check

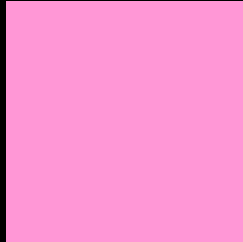
Large Text (above 18pt) WCAG AA × Fail

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 64.4442, 48.2483, 69.5346 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 64.4442, 48.2483, 69.5346

Background



This preview shows how black text looks on a background with the XYZ color 64.4442, 48.2483, 69.5346.



This preview shows how white text looks on a background with the XYZ color 64.4442, 48.2483,

69.5346.

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

64.4442, 48.2483, 69.5346

Protanopia

49.0871, 48.6938, 86.1685

Deuteranopia

49.5681, 48.4524, 67.0613



Tritanopia

59.1732, 48.0605, 44.6859

Trichromacy



Original Color

64.4442, 48.2483, 69.5346



Protanomaly

52.9236, 47.2838, 79.7361



Deuteranomaly

53.9702, 47.5262, 67.9569



Tritanomaly

61.0030, 48.0602, 53.0751

Monochromacy



Original Color

64.4442, 48.2483, 69.5346



Achromatopsia

48.3692, 50.8881, 55.4172



Achromatomaly

52.9636, 48.8833, 60.0700

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.4442, 48.2483, 69.5346 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, 151, 214)` looks like.

```
.text, #text, p{  
    color:rgb(255, 151, 214)  
}
```

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, 151, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 151, 214) }
```

Border

The CSS property to change the border of an element to XYZ 64.4442, 48.2483, 69.5346 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, 151, 214) }
```


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

```
.border{ border-color:rgb(255, 151, 214) }
```

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

Here you see how a box with a 4 pixel rgb(255, 151, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 151, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 151, 214);  
box-shadow:4px 4px 4px 4px rgb(255, 151,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 64.4442, 48.2483, 69.5346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 151, 214) }
```

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

```
.background{ background-color: rgb(255,  
151, 214) }
```

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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