

Converting Colors

XYZ(66.4336, 64.0922, 45.9154)

Have a look what the booklet for
XYZ(66.4336, 64.0922, 45.9154)
contains.

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Color

**XYZ(66.4336, 64.0922,
45.9154)**

Conversions

Conversions Part 1

Format	Color
Hex	F8C8A8
RGB	248, 200, 168
RGB Percent	97%, 78%, 66%
CMY	0.0275, 0.2157, 0.3412
CMYK	0.00, 0.19, 0.32, 0.03
HSL	24°, 85%, 82%
HSV	24°, 32%, 97%
XYZ	66.4336, 64.0922, 45.9154
YIQ	210.7040, 38.8800, 0.2240

Conversions

Conversions Part 2

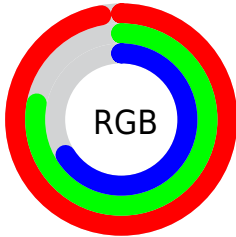
Format	Color
R _Y B	248, 221, 168
Decimal	16304296
CIE Lab	84.01, 12.64, 22.46
CIE LCh	84, 25.770, 60.634
Yxy	64.0922, 0.3765, 0.3632
Android (android.graphics.Color)	4294494376 (0xFFFF8C8A8)
YUV	210.7040, -21.0531, 32.7086
Hunter-Lab	80.0576, 8.0225, 22.0358

Details

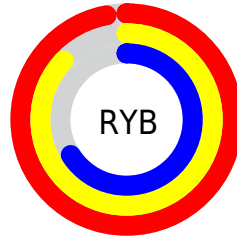
The XYZ color **66.4336, 64.0922, 45.9154** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **57.6469, 64.2118, 98.1629**, and the grayscale version is **61.8395, 65.0600, 70.8503**.

A 20% lighter version of the original color is **90.3193, 98.1077, 83.9884**, and **34.6665, 32.7659, 21.0203** is the 20% darker color. If you saturate the color by 10%, you get **61.0604, 56.6972, 33.7922**, and if you desaturate by 10%, it is **72.5861, 72.3401, 60.4735**.

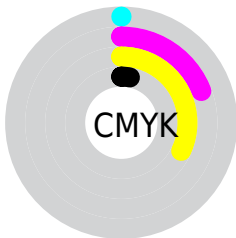
Distribution



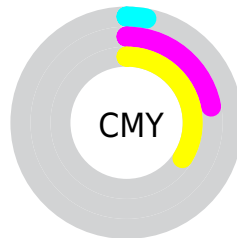
- Red (97%)
- Green (78%)
- Blue (66%)



- Red (97%)
- Yellow (87%)
- Blue (66%)



- Cyan (0%)
- Magenta (19%)
- Yellow (32%)
- Black (3%)





- Cyan (3%)
- Magenta (22%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.4336, 64.0922, 45.9154 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 66.4336, 64.0922, 45.9154 by changing the saturation by 10% instead.


 66.4336, 64.0922,
45.9154


 66.4336, 64.0922,
45.9154


437.3902,
439.5225, 386.7361

 48.8935, 46.7254,
31.8309


 113.1627,
110.7437, 85.4253

 34.7492, 32.8186,
20.9686

 143.0824,
140.7972, 111.6878

 23.6353, 21.9875,
12.9100


177.8594,
175.8483, 142.8467

 15.1866, 13.8477,
7.2366

217.8589,
216.2814, 179.3205

 9.0376, 8.0148,
3.5298

263.4464,
262.4810, 221.5279

 4.8230, 4.1044,
1.3711

314.9873,

 2.1775, 1.7322,

314.8315, 269.8872

0.1190

372.8467,
373.7172, 324.8171

■ 0.7308, 0.4443,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 66.4336, 64.0922,
45.9154

■ 66.4336, 64.0922,
45.9154

■ 61.0604, 56.6972,
33.7922

■ 72.5861, 72.3401,
60.4735

■ 56.4270, 50.1172,
23.9645

■ 79.5452, 81.4595,
77.5875

■ 52.4972, 44.3239,
16.2847

■ 87.3430, 91.4796,
97.3750

■ 49.2297, 39.2842,
10.5859

■ 92.5215, 98.6965,
108.7817

■ 46.5778, 34.9616,
6.6764

■ 44.4864, 31.3155,
4.3250

■ 43.1938, 28.9212,
3.3058

Harmonies

Analogous

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



70.8095, 64.0922, 55.0260



66.4336, 64.0922, 45.9154



60.7969, 64.0922, 42.9422

Triad

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



66.4336, 64.0922, 45.9154



50.6336, 64.0922, 70.1324



66.6557, 64.0922, 100.3167

Complementary

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



66.4336, 64.0922, 45.9154



57.6469, 64.2118, 98.1629

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.



61.0387, 64.0922, 105.9793



66.4336, 64.0922, 45.9154



51.9929, 64.0922, 86.9731

Square

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



66.4336, 64.0922, 45.9154



51.8842, 64.0922, 55.5395



55.7159, 64.0922, 100.7584



70.9433, 64.0922, 86.2803

Rectangle

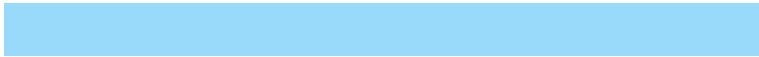
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



66.4336, 64.0922, 45.9154



57.1484, 64.0922, 44.4093



55.7159, 64.0922, 100.7584



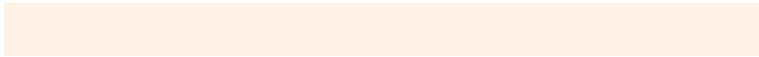
64.8493, 64.0922, 103.3520

Sweetspot

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



66.4353, 64.0952, 45.9167



86.5251, 89.0898, 87.1310



65.1092, 52.9203, 71.7493



18.2791, 18.7574, 18.0448



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.



66.4353, 64.0952, 45.9167



66.7933, 62.8262, 39.8594



76.9397, 85.1041, 49.4182



17.8145, 18.3648, 18.0682



23.4615, 15.8797, 1.8285



2.2735, 1.6719, 0.2029

Inverse Universe

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



57.6469, 64.2118, 98.1629



56.0282, 62.9528, 103.8058



48.6178, 46.1536, 95.1532



17.1492, 18.3753, 22.0282



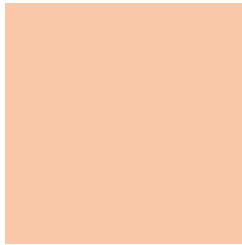
15.0811, 15.5178, 50.1739



1.5005, 1.6446, 4.6815

Previews

White Background



This preview shows how the XYZ color 66.4336, 64.0922, 45.9154 looks on a white background.

Color Contrast Check

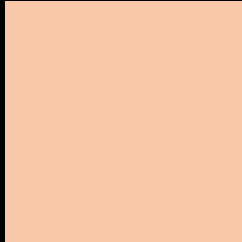
Large Text (above 18pt) WCAG AA × Fail

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 66.4336, 64.0922, 45.9154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

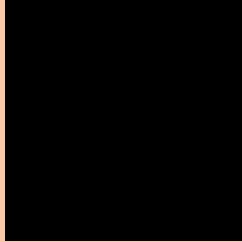
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.4336, 64.0922, 45.9154

Background



This preview shows how black text looks on a background with the XYZ color 66.4336, 64.0922, 45.9154.



This preview shows how white text looks on a background with the XYZ color 66.4336, 64.0922,

45.9154.

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

66.4336, 64.0922, 45.9154

Protanopia

60.3711, 64.1091, 48.2221

Deuteranopia

65.2628, 63.8335, 45.9272



Tritanopia

70.9453, 63.8825, 68.9129

Trichromacy



Original Color

66.4336, 64.0922, 45.9154

Protanomaly

62.3770, 64.0718, 47.6076

Deuteranomaly

65.6107, 64.0129, 45.9435

Tritanomaly

69.2612, 63.8841, 59.7193

Monochromacy



Original Color

66.4336, 64.0922, 45.9154

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

62.9036, 64.4131, 60.7473

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.4336, 64.0922, 45.9154 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(248, 200, 168)` looks like.

```
.text, #text, p{  
    color:rgb(248, 200, 168)  
}
```

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(248, 200, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 200, 168) }
```

Border

The CSS property to change the border of an element to XYZ 66.4336, 64.0922, 45.9154 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(248, 200, 168) }
```


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

```
.border{ border-color:rgb(248, 200, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 200, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(248, 200, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(248, 200, 168); box-shadow:4px 4px 4px 4px rgb(248, 200, 168) }
```

Background

The CSS property to change the background color of an element to XYZ 66.4336, 64.0922, 45.9154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 200, 168) }
```

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

```
.background{ background-color: rgb(248,  
200, 168) }
```

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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