

Converting Colors

XYZ(64.0700, 50.2144, 73.3360)

Have a look what the booklet for
XYZ(64.0700, 50.2144, 73.3360)
contains.

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Color

**XYZ(64.0684, 50.2125,
73.3330)**

Conversions

Conversions Part 1

Format	Color
Hex	F8A0DB
RGB	248, 160, 219
RGB Percent	97%, 63%, 86%
CMY	0.0274, 0.3725, 0.1412
CMYK	0.00, 0.35, 0.12, 0.03
HSL	320°, 86%, 80%
HSV	320°, 35%, 97%
XYZ	64.0684, 50.2125, 73.3330
YIQ	193.0380, 33.5090, 37.0050

Conversions

Conversions Part 2

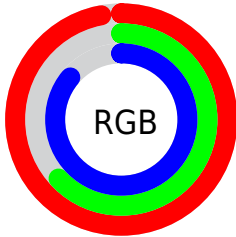
Format	Color
R _Y B	248, 160, 219
Decimal	16294107
CIE Lab	76.20, 40.99, -16.35
CIE LCh	76, 44.129, 338.258
Yxy	50.2125, 0.3415, 0.2676
Android (android.graphics.Color)	4294484187 (0xFFF8A0DB)
YUV	193.0380, 12.7993, 48.2017
Hunter-Lab	70.8608, 37.3835, -11.7560

Details

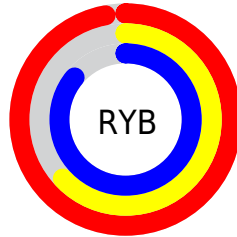
The XYZ color **64.0684, 50.2125, 73.3330** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **57.2521, 78.2841, 60.2404**, and the grayscale version is **50.6256, 53.2620, 58.0024**.

A 20% lighter version of the original color is **83.8459, 77.5917, 105.1653**, and **33.1937, 24.1429, 38.0325** is the 20% darker color. If you saturate the color by 10%, you get **59.1408, 42.0366, 66.5116**, and if you desaturate by 10%, it is **69.9094, 60.1291, 80.7206**.

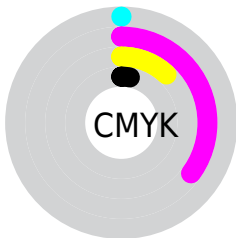
Distribution



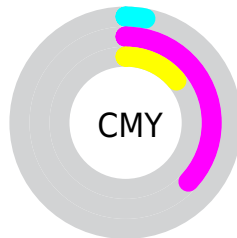
- Red (97%)
- Green (63%)
- Blue (86%)



- Red (97%)
- Yellow (63%)
- Blue (86%)



- Cyan (0%)
- Magenta (35%)
- Yellow (12%)
- Black (3%)





- Cyan (3%)
- Magenta (37%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.0684, 50.2125, 73.3330 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 64.0684, 50.2125, 73.3330 by changing the saturation by 10% instead.


 64.0684, 50.2125,
73.3330


 64.0684, 50.2125,
73.3330


429.0349,
387.4964, 491.2698

 46.9680, 35.5823,
53.7548


 109.7826, 90.4896,
125.6751

 33.2182, 24.1118,
38.0138


 139.1271,
116.9054, 159.2762

 22.4537, 15.4165,
25.6915


173.2837,
148.0183, 198.3885

 14.3091, 9.1122,
16.3693

212.6177,
184.2130, 243.4308

 8.4191, 4.8145,
9.6287

257.4944,
225.8738, 294.8216

 4.4183, 2.1388,
5.0511

308.2793,

 1.9414, 0.6863,

273.3850, 352.9793

2.2180

365.3377,
327.1310, 418.3225

■ 0.6007, 0.0000,
0.6847

■ 0.0000, 0.0000,
0.0000

■ 64.0684, 50.2125,
73.3330

■ 64.0684, 50.2125,
73.3330

■ 59.1408, 42.0366,
66.5116

■ 69.9094, 60.1291,
80.7206

■ 55.0699, 35.4916,
60.2323

■ 76.7069, 71.8738,
88.6908

■ 51.7999, 30.4661,
54.4731

■ 84.5068, 85.5364,
97.2631

■ 49.2659, 26.8317,
49.2086

■ 91.9940, 98.4856,
106.0024

■ 47.3922, 24.4385,
44.4096

■ 92.5218, 98.6967,
108.7817

■ 46.0859, 23.1016,
40.0411

■ 45.6194, 22.7197,
38.1866

Harmonies

Analogous

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



58.2622, 50.2125, 98.7857



64.0684, 50.2125, 73.3330



65.2513, 50.2125, 48.3904

Triad

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



64.0684, 50.2125, 73.3330



45.4782, 50.2125, 20.8585



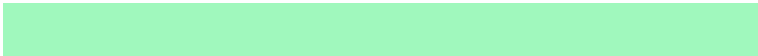
36.2984, 50.2125, 87.9903

Complementary

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



64.0684, 50.2125, 73.3330



57.2521, 78.2841, 60.2404

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.



33.6575, 50.2125, 61.4769



64.0684, 50.2125, 73.3330



38.5425, 50.2125, 26.1471

Square

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



64.0684, 50.2125, 73.3330



53.8603, 50.2125, 22.3481



34.4288, 50.2125, 39.4815



42.0752, 50.2125, 108.8084

Rectangle

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



64.0684, 50.2125, 73.3330



63.1435, 50.2125, 35.8252



34.4288, 50.2125, 39.4815



35.0468, 50.2125, 79.1869

Sweetspot

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



64.0699, 50.2148, 73.3340



85.2925, 82.8096, 98.4808



50.2225, 42.5960, 94.3827



18.0185, 17.3091, 20.8158



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.



64.0699, 50.2148, 73.3340



64.1871, 46.7252, 72.5592



59.1338, 48.2403, 47.3407



17.7356, 17.4216, 20.4632



24.7109, 12.3001, 20.9837



2.3376, 1.1588, 2.2011

Inverse Universe

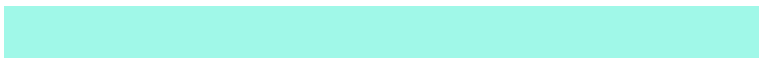
The Inverse Universe completely reimagines the original color for something new.



64.0699, 50.2148, 73.3340



64.1871, 46.7252, 72.5592



62.6129, 80.4284, 88.4703



17.7356, 17.4216, 20.4632



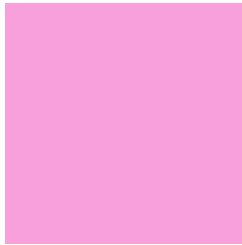
24.7109, 12.3001, 20.9837



2.3376, 1.1588, 2.2011

Previews

White Background



This preview shows how the XYZ color 64.0684, 50.2125, 73.3330 looks on a white background.

Color Contrast Check

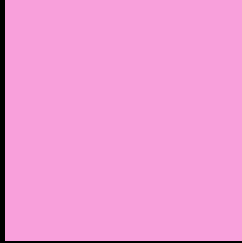
Large Text (above 18pt) WCAG AA × Fail

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 64.0684, 50.2125, 73.3330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

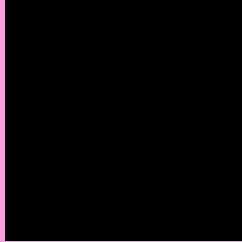
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.0684, 50.2125, 73.3330

Background



This preview shows how black text looks on a background with the XYZ color 64.0684, 50.2125, 73.3330.



This preview shows how white text looks on a background with the XYZ color 64.0684, 50.2125,

73.3330.

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

64.0684, 50.2125, 73.3330

Protanopia

50.7495, 50.4623, 87.1862

Deuteranopia

51.6544, 50.6566, 71.3452



Tritanopia

59.0191, 49.9874, 49.7179

Trichromacy



Original Color

64.0684, 50.2125, 73.3330



Protanomaly

54.3622, 49.7140, 81.5935



Deuteranomaly

55.4562, 49.9140, 71.6772



Tritanomaly

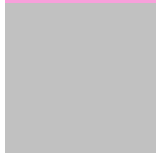
60.6693, 49.8584, 57.4650

Monochromacy



Original Color

64.0684, 50.2125, 73.3330



Achromatopsia

50.6879, 53.3276, 58.0738



Achromatomaly

54.6251, 51.4581, 62.9305

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.0684, 50.2125, 73.3330 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, 160, 219)` looks like.

```
.text, #text, p{  
    color:rgb(248, 160, 219)  
}
```

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, 160, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 160, 219) }
```

Border

The CSS property to change the border of an element to XYZ 64.0684, 50.2125, 73.3330 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, 160, 219) }
```


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

```
.border{ border-color:rgb(248, 160, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 160, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 160, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 160, 219);  
box-shadow:4px 4px 4px 4px rgb(248, 160,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 64.0684, 50.2125, 73.3330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 160, 219) }
```

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

```
.background{ background-color: rgb(248,  
160, 219) }
```

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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