

Converting Colors

XYZ(58.7847, 40.4155, 65.6937)

Have a look what the booklet for
XYZ(58.7847, 40.4155, 65.6937)
contains.

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Color

**XYZ(58.7764, 40.4155,
65.6759)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | FA80D2 |
| RGB | 250, 128, 210 |
| RGB Percent | 98%, 50%, 82% |
| CMY | 0.0196, 0.4980, 0.1765 |
| CMYK | 0.00, 0.49, 0.16, 0.02 |
| HSL | 320°, 92%, 74% |
| HSV | 320°, 49%, 98% |
| XYZ | 58.7764, 40.4155, 65.6759 |
| YIQ | 173.8260, 46.3900, 51.3660 |

Conversions

Conversions Part 2

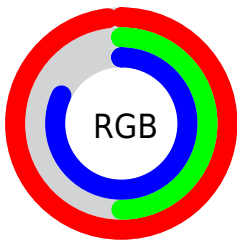
| Format | Color |
|-------------------------------------|--|
| RYB | 250, 128, 210 |
| Decimal | 16416978 |
| CIELab | 69.76, 56.31, -21.11 |
| CIELCh | 70, 60.136, 339.445 |
| Yxy | 40.4155, 0.3565, 0.2451 |
| Android (android.graphics.Color) | 4294607058 (0xFFFA80D2) |
| YUV | 173.8260, 17.8338, 66.8046 |
| Hunter-Lab | 63.5732, 53.7786, -16.7498 |

Details

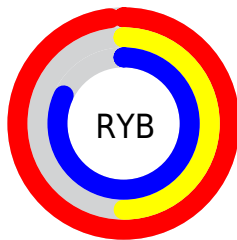
The XYZ color **58.7764, 40.4155, 65.6759** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **50.1575, 75.7889, 49.0342**, and the grayscale version is **40.0389, 42.1241, 45.8731**.

A 20% lighter version of the original color is **76.4305, 62.7610, 102.6935**, and **29.7848, 18.2080, 32.9550** is the 20% darker color. If you saturate the color by 10%, you get **54.9130, 34.2809, 59.4779**, and if you desaturate by 10%, it is **63.4978, 48.1812, 72.4187**.

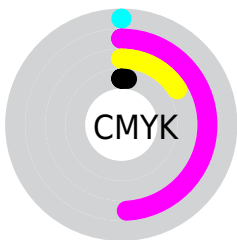
Distribution



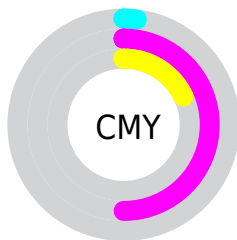
- Red (98%)
- Green (50%)
- Blue (82%)



- Red (98%)
- Yellow (50%)
- Blue (82%)



- Cyan (0%)
- Magenta (49%)
- Yellow (16%)
- Black (2%)



- Cyan (2%)
- Magenta (50%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.7764, 40.4155, 65.6759 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 58.7764, 40.4155, 65.6759 by changing the saturation by 10% instead.


 58.7764, 40.4155,
65.6759


 58.7764, 40.4155,
65.6759


409.9802,
347.8717, 463.5894


 42.6788, 27.8627,
47.5545

 102.1691, 75.7958,
114.6436

 29.8266, 18.2221,
33.1168


 130.1949, 99.3921,
146.3270

 19.8544, 11.1096,
21.9441


 162.9276,
127.4382, 183.3682

 12.3969, 6.1406,
13.6179

200.7324,
160.3187, 226.1857

 7.0887, 2.9308,
7.7197

243.9747,
198.4179, 275.1980

 3.5645, 1.0957,
3.8309

293.0198,

 1.4588, 0.0000,

242.1202, 330.8237

1.5330

348.2332,
291.8100, 393.4813

■ 0.2976, 0.0000,
0.2424

■ 0.0000, 0.0000,
0.0000

■ 58.7764, 40.4155,
65.6759

■ 58.7764, 40.4155,
65.6759

■ 54.9130, 34.2809,
59.4779

■ 63.4978, 48.1812,
72.4187

■ 51.8430, 29.6512,
53.7983

■ 69.1282, 57.6804,
79.7261

■ 49.4983, 26.3910,
48.6109

■ 75.7188, 69.0139,
87.6190

■ 47.7970, 24.3378,
43.8844

■ 83.3159, 82.2732,
96.1165

■ 46.6201, 23.2546,
39.5749

■ 91.9627, 97.5434,
105.2365

■ 46.4953, 23.1524,
39.0784

■ 93.2347, 99.0642,
108.8150

Harmonies

Analogous

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



51.5977, 40.4155, 99.8503



58.7764, 40.4155, 65.6759



60.0325, 40.4155, 35.7700

Triad

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



58.7764, 40.4155, 65.6759



35.4187, 40.4155, 9.4496



25.6793, 40.4155, 87.6893

Complementary

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



58.7764, 40.4155, 65.6759



50.1575, 75.7889, 49.0342

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.



22.7299, 40.4155, 53.4173



58.7764, 40.4155, 65.6759



27.6918, 40.4155, 14.2028

Square

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



58.7764, 40.4155, 65.6759



45.3789, 40.4155, 10.4475



23.3984, 40.4155, 27.7186



32.2004, 40.4155, 115.8497

Rectangle

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



58.7764, 40.4155, 65.6759



57.1607, 40.4155, 22.5374



23.3984, 40.4155, 27.7186



24.2920, 40.4155, 76.0269

Sweetspot

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



58.7777, 40.4174, 65.6767



82.0844, 77.1953, 94.9397



40.8355, 30.5184, 94.1816



17.2216, 15.9177, 19.9261



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.



58.7777, 40.4174, 65.6767



57.3463, 35.7119, 62.0529



52.6798, 37.9783, 33.5656



17.7368, 17.4221, 20.4699



24.7315, 12.3083, 21.0922



2.3394, 1.1595, 2.2106

Inverse Universe

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



58.7777, 40.4174, 65.6767



57.3463, 35.7119, 62.0529



57.0420, 78.5427, 85.2874



17.7368, 17.4221, 20.4699



24.7315, 12.3083, 21.0922



2.3394, 1.1595, 2.2106

Previews

White Background



This preview shows how the XYZ color 58.7764, 40.4155, 65.6759 looks on a white background.

Color Contrast Check

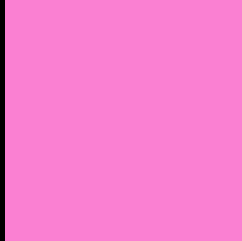
Large Text (above 18pt) WCAG AA × Fail

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 58.7764, 40.4155, 65.6759 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

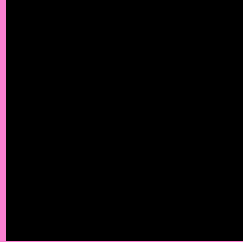
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.7764, 40.4155, 65.6759

Background



This preview shows how black text looks on a background with the XYZ color 58.7764, 40.4155, 65.6759.



This preview shows how white text looks on a background with the XYZ color 58.7764, 40.4155,

65.6759.

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

58.7764, 40.4155, 65.6759

Protanopia

42.1252, 40.6861, 88.0710

Deuteranopia

41.3928, 40.6072, 62.1562



Tritanopia

52.4190, 40.5172, 34.3360

Trichromacy



Original Color

58.7764, 40.4155, 65.6759



Protanomaly

45.7838, 38.8787, 79.2200



Deuteranomaly

46.3512, 39.5181, 63.5773



Tritanomaly

54.2566, 40.1797, 43.9255

Monochromacy



Original Color

58.7764, 40.4155, 65.6759



Achromatopsia

40.2316, 42.3268, 46.0938



Achromatomaly

45.3837, 40.2584, 52.3924

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.7764, 40.4155, 65.6759 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(250, 128, 210)` looks like.

```
.text, #text, p{  
    color:rgb(250, 128, 210)  
}
```

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(250, 128, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 128, 210) }
```

Border

The CSS property to change the border of an element to XYZ 58.7764, 40.4155, 65.6759 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(250, 128, 210) }
```


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

```
.border{ border-color:rgb(250, 128, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 128, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 128, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 128, 210);  
box-shadow:4px 4px 4px 4px rgb(250, 128,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 58.7764, 40.4155, 65.6759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 128, 210) }
```

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

```
.background{ background-color: rgb(250,  
128, 210) }
```

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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