

Converting Colors

XYZ(53.8455, 41.1528, 48.1416)

Have a look what the booklet for
XYZ(53.8455, 41.1528, 48.1416)
contains.

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Color

**XYZ(53.8464, 41.1666,
48.2879)**

Conversions

Conversions Part 1

Format	Color
Hex	F08EB4
RGB	240, 142, 180
RGB Percent	94%, 56%, 71%
CMY	0.0588, 0.4431, 0.2941
CMYK	0.00, 0.41, 0.25, 0.06
HSL	337°, 77%, 75%
HSV	337°, 41%, 94%
XYZ	53.8464, 41.1666, 48.2879
YIQ	175.6340, 46.2100, 32.5940

Conversions

Conversions Part 2

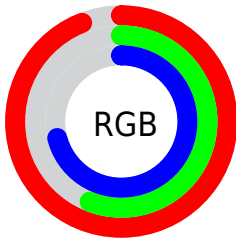
Format	Color
R _Y B	240, 142, 180
Decimal	15765172
CIE Lab	70.29, 41.77, -3.74
CIE LCh	70, 41.939, 354.886
Yxy	41.1666, 0.3758, 0.2873
Android (android.graphics.Color)	4293955252 (0xFFFF08EB4)
YUV	175.6340, 2.1524, 56.4490
Hunter-Lab	64.1612, 37.5215, 0.2910

Details

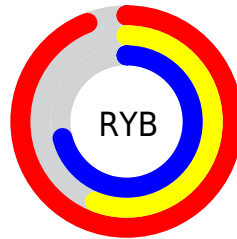
The XYZ color **53.8464, 41.1666, 48.2879** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **52.9780, 72.3363, 67.0509**, and the grayscale version is **41.0498, 43.1876, 47.0313**.

A 20% lighter version of the original color is **76.3466, 67.2486, 88.3133**, and **26.6945, 18.6221, 22.2661** is the 20% darker color. If you saturate the color by 10%, you get **49.2339, 34.2115, 39.7521**, and if you desaturate by 10%, it is **59.3886, 49.7265, 57.9175**.

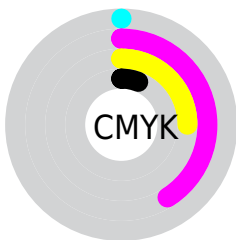
Distribution



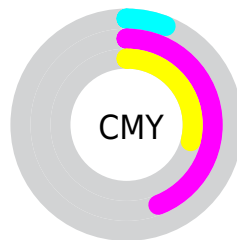
- Red (94%)
- Green (56%)
- Blue (71%)



- Red (94%)
- Yellow (56%)
- Blue (71%)



- Cyan (0%)
- Magenta (41%)
- Yellow (25%)
- Black (6%)





- Cyan (6%)
- Magenta (44%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.8464, 41.1666, 48.2879 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 53.8464, 41.1666, 48.2879 by changing the saturation by 10% instead.


 53.8464, 41.1666,
48.2879


 53.8464, 41.1666,
48.2879


391.7319,
351.0164, 396.4737

 38.7091, 28.4493,
33.6933

 95.0069, 76.9367,
89.0029

 26.7132, 18.6646,
22.3827

 121.7608,
100.7583, 115.9604

 17.4934, 11.4282,
13.9373


153.1175,
129.0502, 147.8760

 10.6844, 6.3556,
7.9388

189.4425,
162.1966, 185.1682

 5.9207, 3.0625,
3.9686

231.1011,
200.5821, 228.2555

 2.8371, 1.1645,
1.6081

278.4586,

 1.0682, 0.0324,

244.5909, 277.5565

0.2966

331.8804,
294.6076, 333.4897

■ 0.0000, 0.0000,
0.0000

■ 53.8464, 41.1666,
48.2879

■ 53.8464, 41.1666,
48.2879

■ 49.2339, 34.2115,
39.7521

■ 59.3886, 49.7265,
57.9175

■ 45.4930, 28.7536,
32.2652

■ 65.9072, 59.9779,
68.6784

■ 42.5639, 24.6816,
25.7822

■ 73.4496, 72.0082,
80.6092

■ 40.3774, 21.8657,
20.2530

■ 82.0592, 85.8972,
93.7456

■ 38.8514, 20.1510,
15.6217

■ 89.5006, 97.1674,
107.3632

■ 37.9134, 19.3166,
12.0985

■ 89.7453, 97.2653,
108.6517

Harmonies

Analogous

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



50.9837, 41.1666, 70.3533



53.8464, 41.1666, 48.2879



52.4042, 41.1666, 30.6896

Triad

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



53.8464, 41.1666, 48.2879



33.8180, 41.1666, 18.4810



31.9976, 41.1666, 83.5299

Complementary

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



53.8464, 41.1666, 48.2879



52.9780, 72.3363, 67.0509

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.



28.3073, 41.1666, 62.7416



53.8464, 41.1666, 48.2879



29.2687, 41.1666, 26.3641

Square

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



53.8464, 41.1666, 48.2879



40.3193, 41.1666, 16.6769



27.3699, 41.1666, 41.5288



37.9596, 41.1666, 94.1704

Rectangle

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



53.8464, 41.1666, 48.2879



49.2743, 41.1666, 23.0420



27.3699, 41.1666, 41.5288



30.4793, 41.1666, 77.2474

Sweetspot

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



53.8476, 41.1686, 48.2887



83.1820, 80.8581, 90.7813



49.4366, 38.0294, 87.1732



17.5510, 16.9013, 19.0349



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.



53.8476, 41.1686, 48.2887



57.3151, 40.4729, 47.1722



52.0150, 42.8720, 31.1274



16.0265, 15.8603, 17.6957



20.8148, 10.5983, 6.9412



1.7789, 0.9006, 0.8266

Inverse Universe

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



53.8476, 41.1686, 48.2887



57.3151, 40.4729, 47.1722



55.2374, 68.7482, 92.7968



16.0265, 15.8603, 17.6957



20.8148, 10.5983, 6.9412



1.7789, 0.9006, 0.8266

Previews

White Background



This preview shows how the XYZ color 53.8464, 41.1666, 48.2879 looks on a white background.

Color Contrast Check

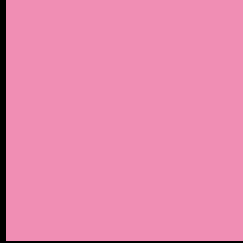
Large Text (above 18pt) WCAG AA × Fail

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 53.8464, 41.1666, 48.2879 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 53.8464, 41.1666, 48.2879

Background



This preview shows how black text looks on a background with the XYZ color 53.8464, 41.1666, 48.2879.



This preview shows how white text looks on a background with the XYZ color 53.8464, 41.1666,

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

53.8464, 41.1666, 48.2879

Protanopia

40.9044, 41.5279, 59.2859

Deuteranopia

42.1487, 41.3368, 46.8316



Tritanopia

51.6246, 41.1692, 37.1238

Trichromacy



Original Color

53.8464, 41.1666, 48.2879



Protanomaly

44.2229, 40.3725, 54.7521



Deuteranomaly

45.6163, 40.7499, 47.0562



Tritanomaly

52.5135, 41.3181, 40.8047

Monochromacy



Original Color

53.8464, 41.1666, 48.2879



Achromatopsia

41.2663, 43.4154, 47.2793



Achromatomaly

44.7645, 41.8674, 47.3168

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.8464, 41.1666, 48.2879 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(240, 142, 180)` looks like.

```
.text, #text, p{  
    color:rgb(240, 142, 180)  
}
```

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(240, 142, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 142, 180) }
```

Border

The CSS property to change the border of an element to XYZ 53.8464, 41.1666, 48.2879 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(240, 142, 180) }
```


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

```
.border{ border-color:rgb(240, 142, 180) }
```

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

Here you see how a box with a 4 pixel rgb(240, 142, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 142, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 142, 180);  
box-shadow:4px 4px 4px 4px rgb(240, 142,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 53.8464, 41.1666, 48.2879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 142, 180) }
```

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

```
.background{ background-color: rgb(240,  
142, 180) }
```

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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