

Converting Colors

XYZ(48.8101, 30.5084, 54.9459)

Have a look what the booklet for
XYZ(48.8101, 30.5084, 54.9459)
contains.

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Color

**XYZ(48.8101, 30.5084,
54.9459)**

Conversions

Conversions Part 1

Format	Color
Hex	EC62C3
RGB	236, 98, 195
RGB Percent	93%, 38%, 76%
CMY	0.0745, 0.6157, 0.2353
CMYK	0.00, 0.58, 0.17, 0.07
HSL	318°, 78%, 65%
HSV	318°, 58%, 93%
XYZ	48.8101, 30.5084, 54.9459
YIQ	150.3200, 51.1110, 59.4230

Conversions

Conversions Part 2

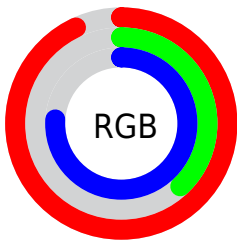
Format	Color
R _Y B	236, 98, 195
Decimal	15491779
CIE Lab	62.09, 63.80, -24.59
CIE LCh	62, 68.378, 338.923
Yxy	30.5084, 0.3635, 0.2272
Android (android.graphics.Color)	4293681859 (0xFFEC62C3)
YUV	150.3200, 22.0272, 75.1414
Hunter-Lab	55.2344, 61.0785, -20.3162

Details

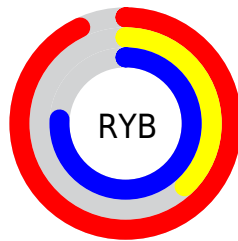
The XYZ color **48.8101, 30.5084, 54.9459** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **39.6942, 64.4527, 34.7775**, and the grayscale version is **29.0207, 30.5320, 33.2494**.

A 20% lighter version of the original color is **70.5320, 51.7310, 98.3631**, and **23.5701, 12.5320, 26.3759** is the 20% darker color. If you saturate the color by 10%, you get **46.1442, 26.4155, 50.2372**, and if you desaturate by 10%, it is **52.1659, 35.9207, 60.0689**.

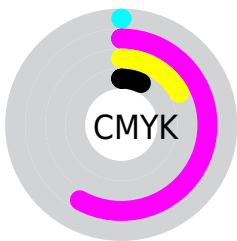
Distribution



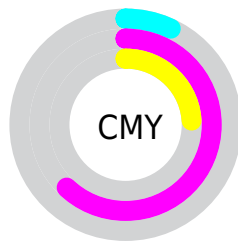
- Red (93%)
- Green (38%)
- Blue (76%)



- Red (93%)
- Yellow (38%)
- Blue (76%)



- Cyan (0%)
- Magenta (58%)
- Yellow (17%)
- Black (7%)





- Cyan (7%)
- Magenta (62%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.8101, 30.5084, 54.9459 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 48.8101, 30.5084, 54.9459 by changing the saturation by 10% instead.


 48.8101, 30.5084,
54.9459


 48.8101, 30.5084,
54.9459

372.5236,
304.2671, 422.9830


 34.6828, 20.2248,
38.9601


 87.6118, 60.4653,
98.9320

 23.5840, 12.5586,
26.4211


 113.0168, 80.9073,
127.7695

 15.1484, 7.1253,
16.9103


 142.9118,
105.5043, 161.7278

 9.0106, 3.5406,
10.0093

 177.6621,
134.6406, 201.2257

 4.8052, 1.4200,
5.2994

217.6331,
168.7006, 246.6816

 2.1670, 0.2314,
2.3622

263.1901,

 0.7253, 0.0000,

208.0688, 298.5141

0.7658

314.6985,
253.1295, 357.1417

■ 0.0000, 0.0000,
0.0000

■ 48.8101, 30.5084,
54.9459

■ 48.8101, 30.5084,
54.9459

■ 46.1442, 26.4155,
50.2372

■ 52.1659, 35.9207,
60.0689

■ 44.1058, 23.5191,
45.9185

■ 56.2611, 42.7519,
65.6242

■ 42.6255, 21.6810,
41.9646

■ 61.1439, 51.0971,
71.6306

■ 41.6021, 20.6996,
38.3390

■ 66.8574, 61.0419,
78.1048

■ 41.4643, 20.5818,
37.8065

■ 73.4416, 72.6652,
85.0624

■ 80.9337, 86.0411,
92.5182

■ 86.6943, 95.8898,
99.5945

■ 87.7801, 96.3241,
105.3124

■ 88.4023, 96.5730,
108.5889

Harmonies

Analogous

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



41.5775, 30.5084, 90.1999



48.8101, 30.5084, 54.9459



50.1933, 30.5084, 25.9705

Triad

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



48.8101, 30.5084, 54.9459



26.3418, 30.5084, 4.1097



17.3071, 30.5084, 76.2411

Complementary

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



48.8101, 30.5084, 54.9459



39.6942, 64.4527, 34.7775

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.



14.8085, 30.5084, 41.7032



48.8101, 30.5084, 54.9459



19.2513, 30.5084, 7.3520

Square

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



48.8101, 30.5084, 54.9459



35.8281, 30.5084, 4.8375



15.4359, 30.5084, 18.1394



23.0951, 30.5084, 106.3577

Rectangle

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



48.8101, 30.5084, 54.9459



47.3783, 30.5084, 14.2611



15.4359, 30.5084, 18.1394



16.1169, 30.5084, 64.1999

Sweetspot

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



48.8111, 30.5099, 54.9465



79.9964, 73.2826, 93.4318



29.8426, 20.1202, 81.6681



16.6714, 14.8956, 19.5015



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.



48.8111, 30.5099, 54.9465



54.5155, 30.7606, 58.9193



42.8508, 28.1258, 23.5600



15.5131, 15.2331, 17.9870



22.9153, 11.3688, 21.1532



1.8413, 0.9095, 1.8819

Inverse Universe

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



48.8111, 30.5099, 54.9465



54.5155, 30.7606, 58.9193



46.1865, 67.0496, 68.9652



15.5131, 15.2331, 17.9870



22.9153, 11.3688, 21.1532



1.8413, 0.9095, 1.8819

Previews

White Background



This preview shows how the XYZ color 48.8101, 30.5084, 54.9459 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 48.8101, 30.5084, 54.9459 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 48.8101, 30.5084, 54.9459

Background



This preview shows how black text looks on a background with the XYZ color 48.8101, 30.5084, 54.9459.



This preview shows how white text looks on a background with the XYZ color 48.8101, 30.5084,

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

48.8101, 30.5084, 54.9459

Protanopia

32.9056, 30.9849, 81.3372

Deuteranopia

31.2574, 30.5663, 51.2661



Tritanopia

42.0819, 30.3747, 22.7137

Trichromacy



Original Color

48.8101, 30.5084, 54.9459



Protanomaly

35.6691, 28.7611, 70.6893



Deuteranomaly

35.7349, 29.0019, 52.4297



Tritanomaly

44.2524, 30.2951, 32.3693

Monochromacy



Original Color

48.8101, 30.5084, 54.9459



Achromatopsia

28.9890, 30.4987, 33.2131



Achromatomaly

34.0553, 28.8095, 39.8423

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.8101, 30.5084, 54.9459 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(236, 98, 195)` looks like.

```
.text, #text, p{  
    color:rgb(236, 98, 195)  
}
```

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(236, 98, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 98, 195) }
```

Border

The CSS property to change the border of an element to XYZ 48.8101, 30.5084, 54.9459 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(236, 98, 195) }
```


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

```
.border{ border-color:rgb(236, 98, 195) }
```

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

Here you see how a box with a 4 pixel rgb(236, 98, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 98, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 98, 195);  
box-shadow:4px 4px 4px 4px rgb(236, 98,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 48.8101, 30.5084, 54.9459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 98, 195) }
```

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

```
.background{ background-color: rgb(236, 98,  
195) }
```

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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