

Converting Colors

XYZ(45.6782, 31.9567, 48.2529)

Have a look what the booklet for
XYZ(45.6782, 31.9567, 48.2529)
contains.

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Color

**XYZ(45.5453, 31.9473,
48.0219)**

Conversions

Conversions Part 1

Format	Color
Hex	E075B6
RGB	224, 117, 182
RGB Percent	88%, 46%, 71%
CMY	0.1216, 0.5412, 0.2863
CMYK	0.00, 0.48, 0.19, 0.12
HSL	324°, 63%, 67%
HSV	324°, 48%, 88%
XYZ	45.5453, 31.9473, 48.0219
YIQ	156.4030, 42.9070, 42.8990

Conversions

Conversions Part 2

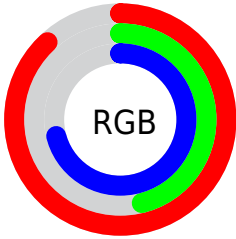
Format	Color
R _Y B	224, 117, 182
Decimal	14710198
CIE Lab	63.30, 49.46, -15.52
CIE LCh	63, 51.835, 342.583
Yxy	31.9473, 0.3629, 0.2545
Android (android.graphics.Color)	4292900278 (0xFFE075B6)
YUV	156.4030, 12.6193, 59.2826
Hunter-Lab	56.5219, 44.9216, -10.8083

Details

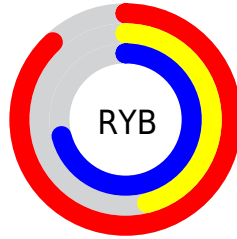
The XYZ color **45.5453, 31.9473, 48.0219** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **40.2513, 59.5975, 42.1857**, and the grayscale version is **31.7129, 33.3644, 36.3338**.

A 20% lighter version of the original color is **71.4251, 56.9381, 88.1146**, and **21.5217, 13.3588, 22.2131** is the 20% darker color. If you saturate the color by 10%, you get **42.3605, 26.9862, 42.6168**, and if you desaturate by 10%, it is **49.4135, 38.1830, 53.9369**.

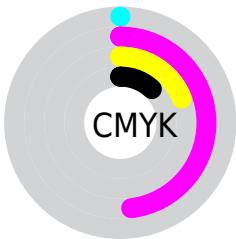
Distribution



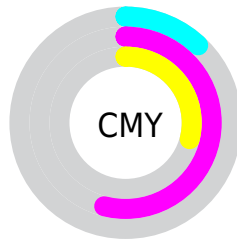
- Red (88%)
- Green (46%)
- Blue (71%)



- Red (88%)
- Yellow (46%)
- Blue (71%)



- Cyan (0%)
- Magenta (48%)
- Yellow (19%)
- Black (12%)





- Cyan (12%)
- Magenta (54%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.5453, 31.9473, 48.0219 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 45.5453, 31.9473, 48.0219 by changing the saturation by 10% instead.


 45.5453, 31.9473,
48.0219


 45.5453, 31.9473,
48.0219

359.7242,
310.8791, 395.3901


 32.0903, 21.3212,
33.4841


 82.7701, 62.7285,
88.6029

 21.5863, 13.3590,
22.2234


 107.2706, 83.6524,
115.4832

 13.6682, 7.6762,
13.8213


 136.1837,
108.7777, 147.3147

 7.9704, 3.8885,
7.8591

169.8746,
138.4888, 184.5161

 4.1276, 1.6114,
3.9185

208.7087,
173.1701, 227.5057

 1.7746, 0.3653,
1.5807

253.0515,

 0.5023, 0.0000,

213.2060, 276.7023

0.2770

303.2682,
258.9809, 332.5242

■ 0.0000, 0.0000,
0.0000

■ 45.5453, 31.9473,
48.0219

■ 45.5453, 31.9473,
48.0219

■ 42.3605, 26.9862,
42.6168

■ 49.4135, 38.1830,
53.9369

■ 39.8098, 23.2042,
37.6993

■ 54.0040, 45.7707,
60.3790

■ 37.8418, 20.4996,
33.2471


■ 59.3560, 54.7869,
67.3663


■ 36.3950, 18.7512,
29.2344


■ 65.5051, 65.3013,
74.9154


■ 35.3851, 17.7921,
25.6275


■ 72.4846, 77.3787,
83.0421

 35.1897, 17.6270,
24.8666

 80.3256, 91.0802,
91.7612

 82.7618, 93.8719,
98.9886

 84.1261, 94.4176,
106.1726

 84.5507, 94.5874,
108.4086

Harmonies

Analogous

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



40.7047, 31.9473, 72.8038



45.5453, 31.9473, 48.0219



45.9415, 31.9473, 26.8582

Triad

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



45.5453, 31.9473, 48.0219



27.4537, 31.9473, 8.6973



21.2869, 31.9473, 69.0114

Complementary

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



45.5453, 31.9473, 48.0219



40.2513, 59.5975, 42.1857

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.



18.7794, 31.9473, 44.1360



45.5453, 31.9473, 48.0219



21.9436, 31.9473, 13.0298

Square

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



45.5453, 31.9473, 48.0219



34.6904, 31.9473, 9.0445



18.9991, 31.9473, 24.2361



26.4149, 31.9473, 87.8371

Rectangle

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



45.5453, 31.9473, 48.0219



43.5559, 31.9473, 17.5331



18.9991, 31.9473, 24.2361



20.1488, 31.9473, 60.7372

Sweetspot

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



45.5463, 31.9488, 48.0225



82.5250, 78.4298, 93.9972



33.9213, 25.3770, 73.6320



17.2923, 16.1543, 19.6568



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.



45.5463, 31.9488, 48.0225



56.9648, 36.4111, 57.4178



41.0977, 30.1694, 24.5968



14.0552, 13.8397, 16.0609



20.5408, 10.2833, 14.7796



1.4674, 0.7302, 1.2542

Inverse Universe

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



45.5463, 31.9488, 48.0225



56.9648, 36.4111, 57.4178



45.8157, 61.8232, 71.4874



14.0552, 13.8397, 16.0609



20.5408, 10.2833, 14.7796



1.4674, 0.7302, 1.2542

Previews

White Background



This preview shows how the XYZ color 45.5453, 31.9473, 48.0219 looks on a white background.

Color Contrast Check

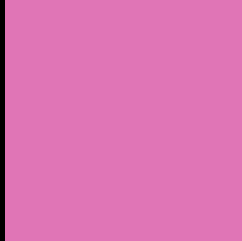
Large Text (above 18pt) WCAG AA × Fail

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 45.5453, 31.9473, 48.0219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

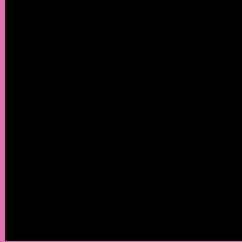
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.5453, 31.9473, 48.0219

Background



This preview shows how black text looks on a background with the XYZ color 45.5453, 31.9473, 48.0219.



This preview shows how white text looks on a background with the XYZ color 45.5453, 31.9473,

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

45.5453, 31.9473, 48.0219

Protanopia

32.9720, 32.3647, 63.5407

Deuteranopia

32.8434, 32.2164, 45.5616



Tritanopia

41.1182, 31.7594, 27.2556

Trichromacy



Original Color

45.5453, 31.9473, 48.0219



Protanomaly

35.7878, 30.9775, 57.5191



Deuteranomaly

36.4158, 31.3364, 46.2487



Tritanomaly

42.6515, 31.8380, 34.0344

Monochromacy



Original Color

45.5453, 31.9473, 48.0219



Achromatopsia

31.5995, 33.2452, 36.2040



Achromatomaly

35.5206, 31.8864, 39.8799

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.5453, 31.9473, 48.0219 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(224, 117, 182)` looks like.

```
.text, #text, p{  
    color:rgb(224, 117, 182)  
}
```

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(224, 117, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 117, 182) }
```

Border

The CSS property to change the border of an element to XYZ 45.5453, 31.9473, 48.0219 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(224, 117, 182) }
```


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

```
.border{ border-color:rgb(224, 117, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 117, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 117, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 117, 182);  
box-shadow:4px 4px 4px 4px rgb(224, 117,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 45.5453, 31.9473, 48.0219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 117, 182) }
```

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

```
.background{ background-color: rgb(224,  
117, 182) }
```

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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