

Converting Colors

XYZ(47.9340, 34.0472, 54.5477)

Have a look what the booklet for
XYZ(47.9340, 34.0472, 54.5477)
contains.

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Color

**XYZ(48.0726, 34.1849,
54.5167)**

Conversions

Conversions Part 1

Format	Color
Hex	E27BC1
RGB	226, 123, 193
RGB Percent	89%, 48%, 76%
CMY	0.1137, 0.5176, 0.2431
CMYK	0.00, 0.46, 0.15, 0.11
HSL	319°, 64%, 68%
HSV	319°, 46%, 89%
XYZ	48.0726, 34.1849, 54.5167
YIQ	161.7770, 38.9180, 43.6060

Conversions

Conversions Part 2

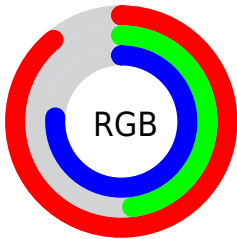
Format	Color
R _Y B	226, 123, 193
Decimal	14842817
CIE Lab	65.11, 48.76, -18.97
CIE LCh	65, 52.325, 338.744
Yxy	34.1849, 0.3515, 0.2499
Android (android.graphics.Color)	4293032897 (0xFFE27BC1)
YUV	161.7770, 15.3929, 56.3236
Hunter-Lab	58.4679, 44.4450, -14.3558

Details

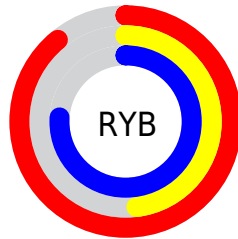
The XYZ color **48.0726, 34.1849, 54.5167** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **41.3670, 61.0050, 41.0499**, and the grayscale version is **34.1569, 35.9358, 39.1340**.

A 20% lighter version of the original color is **74.4157, 60.0029, 98.1021**, and **23.2125, 14.6794, 26.0361** is the 20% darker color. If you saturate the color by 10%, you get **44.7978, 28.8962, 49.5369**, and if you desaturate by 10%, it is **52.0361, 40.7868, 59.9219**.

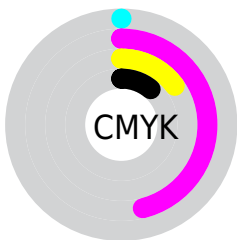
Distribution



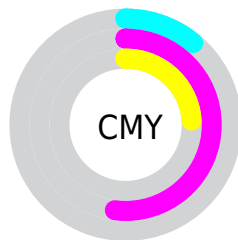
- Red (89%)
- Green (48%)
- Blue (76%)



- Red (89%)
- Yellow (48%)
- Blue (76%)



- Cyan (0%)
- Magenta (46%)
- Yellow (15%)
- Black (11%)





- Cyan (11%)
- Magenta (52%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.0726, 34.1849, 54.5167 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 48.0726, 34.1849, 54.5167 by changing the saturation by 10% instead.


 48.0726, 34.1849,
54.5167

 48.0726, 34.1849,
54.5167


369.6576,
320.9557, 421.3075


 34.0959, 23.0357,
38.6189


 86.5215, 66.2211,
98.2965

 23.1305, 14.6199,
26.1579


 111.7244, 87.8769,
127.0156

 14.8111, 8.5530,
16.7149


 141.4001,
113.8036, 160.8456

 8.7724, 4.4508,
9.8717

175.9139,
144.3857, 200.2050

 4.6489, 1.9288,
5.2095

215.6313,
180.0076, 245.5124

 2.0754, 0.5656,
2.3098

260.9174,

 0.6758, 0.0000,

221.0536, 297.1862

0.7367

312.1377,
267.9082, 355.6451

■ 0.0000, 0.0000,
0.0000

■ 48.0726, 34.1849,
54.5167

■ 48.0726, 34.1849,
54.5167

■ 44.7978, 28.8962,
49.5369

■ 52.0361, 40.7868,
59.9219

■ 42.1629, 24.8253,
44.9624

■ 56.7266, 48.7789,
65.7670

■ 40.1174, 21.8717,
40.7740


■ 62.1831, 58.2380,
72.0680


■ 38.6013, 19.9165,
36.9488


■ 68.4410, 69.2340,
78.8392


■ 37.5412, 18.8134,
33.4593


■ 75.5332, 81.8320,
86.0941

 37.1628, 18.4883,
32.0026

 82.3297, 93.7711,
93.4587

 83.4062, 94.2016,
99.1272

 84.5258, 94.6495,
105.0231

 85.1743, 94.9089,
108.4378

Harmonies

Analogous

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



42.5038, 34.1849, 80.2441



48.0726, 34.1849, 54.5167



49.1491, 34.1849, 31.2247

Triad

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



48.0726, 34.1849, 54.5167



30.3241, 34.1849, 9.3152



22.3897, 34.1849, 69.9706

Complementary

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



48.0726, 34.1849, 54.5167



41.3670, 61.0050, 41.0499

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.



20.1003, 34.1849, 43.9409



48.0726, 34.1849, 54.5167



24.1900, 34.1849, 13.2191

Square

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



48.0726, 34.1849, 54.5167



38.0730, 34.1849, 10.2829



20.7038, 34.1849, 24.0359



27.4845, 34.1849, 91.3168

Rectangle

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



48.0726, 34.1849, 54.5167



47.0348, 34.1849, 20.5278



20.7038, 34.1849, 24.0359



21.3057, 34.1849, 61.1457

Sweetspot

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



48.0737, 34.1865, 54.5174



82.9125, 78.5848, 96.0377



34.4483, 26.6885, 75.2878



17.3870, 16.1921, 20.1555



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.



48.0737, 34.1865, 54.5174



58.9830, 38.1208, 65.2634



43.3220, 32.2859, 29.4957



14.0984, 13.8570, 16.2884



21.2576, 10.5700, 18.5541



1.5137, 0.7488, 1.4982

Inverse Universe

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



48.0737, 34.1865, 54.5174



58.9830, 38.1208, 65.2634



46.6427, 63.1153, 68.8315



14.0984, 13.8570, 16.2884



21.2576, 10.5700, 18.5541



1.5137, 0.7488, 1.4982

Previews

White Background



This preview shows how the XYZ color 48.0726, 34.1849, 54.5167 looks on a white background.

Color Contrast Check

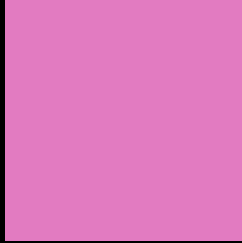
Large Text (above 18pt) WCAG AA × Fail

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 48.0726, 34.1849, 54.5167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

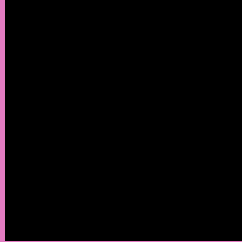
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.0726, 34.1849, 54.5167

Background



This preview shows how black text looks on a background with the XYZ color 48.0726, 34.1849, 54.5167.



This preview shows how white text looks on a background with the XYZ color 48.0726, 34.1849,

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

48.0726, 34.1849, 54.5167

Protanopia

35.3974, 34.4494, 70.4294

Deuteranopia

35.1882, 34.5041, 51.8191



Tritanopia

43.1642, 34.1304, 30.2994

Trichromacy



Original Color

48.0726, 34.1849, 54.5167



Protanomaly

38.3717, 33.2712, 64.0741



Deuteranomaly

38.7749, 33.5094, 52.5684



Tritanomaly

44.7147, 33.9617, 37.9168

Monochromacy



Original Color

48.0726, 34.1849, 54.5167



Achromatopsia

34.3422, 36.1307, 39.3463



Achromatomaly

38.1403, 34.5112, 44.1863

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.0726, 34.1849, 54.5167 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(226, 123, 193)` looks like.

```
.text, #text, p{  
    color:rgb(226, 123, 193)  
}
```

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(226, 123, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 123, 193) }
```

Border

The CSS property to change the border of an element to XYZ 48.0726, 34.1849, 54.5167 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(226, 123, 193) }
```


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

```
.border{ border-color:rgb(226, 123, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 123, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 123, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 123, 193);  
box-shadow:4px 4px 4px 4px rgb(226, 123,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 48.0726, 34.1849, 54.5167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 123, 193) }
```

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

```
.background{ background-color: rgb(226,  
123, 193) }
```

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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