

Converting Colors

XYZ(48.5417, 34.9332, 47.6244)

Have a look what the booklet for
XYZ(48.5417, 34.9332, 47.6244)
contains.

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Color

**XYZ(48.5268, 34.9514,
47.3687)**

Conversions

Conversions Part 1

Format	Color
Hex	E77DB4
RGB	231, 125, 180
RGB Percent	91%, 49%, 71%
CMY	0.0941, 0.5098, 0.2941
CMYK	0.00, 0.46, 0.22, 0.09
HSL	329°, 69%, 70%
HSV	329°, 46%, 91%
XYZ	48.5268, 34.9514, 47.3687
YIQ	162.9640, 45.5210, 39.5770

Conversions

Conversions Part 2

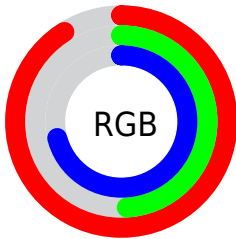
Format	Color
R _Y B	231, 125, 180
Decimal	15170996
CIE Lab	65.71, 47.42, -10.66
CIE LCh	66, 48.606, 347.327
Yxy	34.9514, 0.3709, 0.2671
Android (android.graphics.Color)	4293361076 (0xFFE77DB4)
YUV	162.9640, 8.3987, 59.6676
Hunter-Lab	59.1197, 43.0574, -6.1213

Details

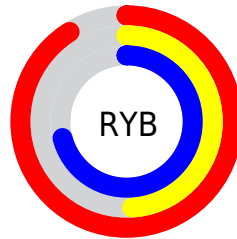
The XYZ color **48.5268, 34.9514, 47.3687** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **44.8714, 64.6473, 51.1905**, and the grayscale version is **34.7433, 36.5527, 39.8059**.

A 20% lighter version of the original color is **72.7016, 59.9586, 87.0983**, and **23.3817, 15.0513, 21.7515** is the 20% darker color. If you saturate the color by 10%, you get **44.8480, 29.3336, 40.7783**, and if you desaturate by 10%, it is **52.9784, 41.9688, 54.6654**.

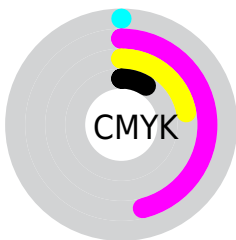
Distribution



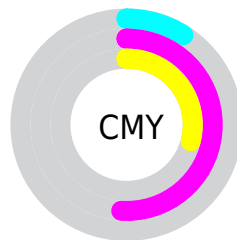
- Red (91%)
- Green (49%)
- Blue (71%)



- Red (91%)
- Yellow (49%)
- Blue (71%)



- Cyan (0%)
- Magenta (46%)
- Yellow (22%)
- Black (9%)





- Cyan (9%)
- Magenta (51%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.5268, 34.9514, 47.3687 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 48.5268, 34.9514, 47.3687 by changing the saturation by 10% instead.


 48.5268, 34.9514,
47.3687

 48.5268, 34.9514,
47.3687


371.4244,
324.3538, 392.7206


 34.4572, 23.6254,
32.9708


 87.1932, 67.4105,
87.6195

 23.4096, 15.0560,
21.8331


 112.5208, 89.3124,
114.3094

 15.0186, 8.8587,
13.5372


 142.3317,
115.5084, 145.9337

 8.9189, 4.6491,
7.6644

176.9913,
146.3829, 182.9110

 4.7450, 2.0429,
3.7963

216.8651,
182.3203, 225.6598

 2.1316, 0.6322,
1.5143

262.3183,

 0.7063, 0.0000,

223.7050, 274.5986

0.2285

313.7162,
270.9213, 330.1461

■ 0.0000, 0.0000,
0.0000

■ 48.5268, 34.9514,
47.3687

■ 48.5268, 34.9514,
47.3687

■ 44.8480, 29.3336,
40.7783

■ 52.9784, 41.9688,
54.6654

■ 41.8890, 25.0138,
34.8651

■ 58.2450, 50.4679,
62.6916

■ 39.5947, 21.8847,
29.6001

■ 64.3692, 60.5306,
71.4715

■ 37.8996, 19.8195,
24.9503

■ 71.3898, 72.2312,
81.0276

■ 36.7235, 18.6614,
20.8773

■ 79.3430, 85.6391,
91.3811

■ 36.3364, 18.3415,
19.3479

■ 85.4557, 95.2052,
101.6166

■ 86.7651, 95.7290,
108.5123

Harmonies

Analogous

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



44.3932, 34.9514, 71.4859



48.5268, 34.9514, 47.3687



48.1557, 34.9514, 27.4893

Triad

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



48.5268, 34.9514, 47.3687



29.2902, 34.9514, 11.4787



24.7425, 34.9514, 74.9841

Complementary

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



48.5268, 34.9514, 47.3687



44.8714, 64.6473, 51.1905

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.



21.7444, 34.9514, 51.0338



48.5268, 34.9514, 47.3687



24.0994, 34.9514, 17.1140

Square

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



48.5268, 34.9514, 47.3687



36.3301, 34.9514, 11.1105



21.5272, 34.9514, 30.0519



30.2932, 34.9514, 90.8737

Rectangle

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



48.5268, 34.9514, 47.3687



45.4013, 34.9514, 18.8200



21.5272, 34.9514, 30.0519



23.4397, 34.9514, 67.2855

Sweetspot

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



48.5278, 34.9531, 47.3694



82.0564, 78.2424, 91.5299



39.3187, 29.4911, 79.2217



17.1781, 16.1086, 19.0554



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.



48.5278, 34.9531, 47.3694



56.3675, 37.0746, 51.4903



44.2214, 33.2305, 24.6921



14.6877, 14.4923, 16.5558



20.4338, 10.3077, 11.1791



1.5569, 0.7805, 1.0731

Inverse Universe

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



48.5278, 34.9531, 47.3694



56.3675, 37.0746, 51.4903



50.9641, 67.0844, 83.2742



14.6877, 14.4923, 16.5558



20.4338, 10.3077, 11.1791



1.5569, 0.7805, 1.0731

Previews

White Background



This preview shows how the XYZ color 48.5268, 34.9514, 47.3687 looks on a white background.

Color Contrast Check

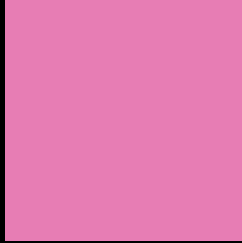
Large Text (above 18pt) WCAG AA × Fail

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 48.5268, 34.9514, 47.3687 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

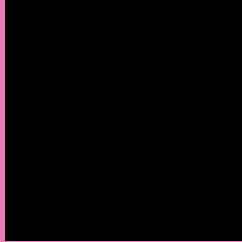
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.5268, 34.9514, 47.3687

Background



This preview shows how black text looks on a background with the XYZ color 48.5268, 34.9514, 47.3687.



This preview shows how white text looks on a background with the XYZ color 48.5268, 34.9514,

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

48.5268, 34.9514, 47.3687

Protanopia

35.2820, 35.1075, 60.7940

Deuteranopia

35.9885, 35.3071, 45.4756



Tritanopia

44.8123, 34.7864, 29.9438

Trichromacy



Original Color

48.5268, 34.9514, 47.3687



Protanomaly

38.6069, 34.0365, 55.5738



Deuteranomaly

39.7994, 34.6316, 46.1819



Tritanomaly

45.8459, 34.5948, 35.7136

Monochromacy



Original Color

48.5268, 34.9514, 47.3687



Achromatopsia

34.8123, 36.6253, 39.8849



Achromatomaly

38.6479, 35.0508, 42.2646

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.5268, 34.9514, 47.3687 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(231, 125, 180)` looks like.

```
.text, #text, p{  
    color:rgb(231, 125, 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(231, 125, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 125, 180) }
```

Border

The CSS property to change the border of an element to XYZ 48.5268, 34.9514, 47.3687 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(231, 125, 180) }
```


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

```
.border{ border-color:rgb(231, 125, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 125, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(231, 125, 180); -webkit-box-shadow:4px 4px 4px 4px rgb(231, 125, 180); box-shadow:4px 4px 4px 4px rgb(231, 125, 180) }
```

Background

The CSS property to change the background color of an element to XYZ 48.5268, 34.9514, 47.3687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 125, 180) }
```

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

```
.background{ background-color: rgb(231,  
125, 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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