

Converting Colors

XYZ(49.0884, 34.2408, 41.7556)

Have a look what the booklet for
XYZ(49.0884, 34.2408, 41.7556)
contains.

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Color

**XYZ(49.0182, 34.2354,
41.5607)**

Conversions

Conversions Part 1

Format	Color
Hex	EE77A9
RGB	238, 119, 169
RGB Percent	93%, 47%, 66%
CMY	0.0667, 0.5333, 0.3373
CMYK	0.00, 0.50, 0.29, 0.07
HSL	335°, 78%, 70%
HSV	335°, 50%, 93%
XYZ	49.0182, 34.2354, 41.5607
YIQ	160.2810, 54.8740, 40.7780

Conversions

Conversions Part 2

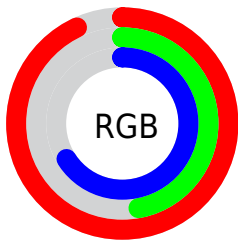
Format	Color
R _Y B	238, 119, 169
Decimal	15628201
CIE Lab	65.15, 51.19, -5.17
CIE LCh	65, 51.448, 354.236
Yxy	34.2354, 0.3927, 0.2743
Android (android.graphics.Color)	4293818281 (0xFFEE77A9)
YUV	160.2810, 4.2985, 68.1596
Hunter-Lab	58.5110, 47.1459, -1.1563

Details

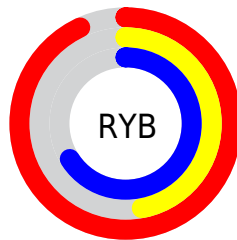
The XYZ color **49.0182, 34.2354, 41.5607** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **47.2611, 68.7028, 58.3506**, and the grayscale version is **33.5074, 35.2524, 38.3898**.

A 20% lighter version of the original color is **69.8306, 56.9139, 77.8260**, and **23.6916, 14.6487, 18.4084** is the 20% darker color. If you saturate the color by 10%, you get **45.3041, 28.7722, 34.2643**, and if you desaturate by 10%, it is **53.5801, 41.1748, 49.8151**.

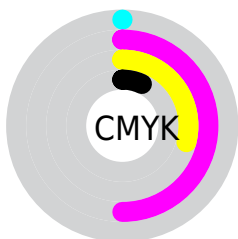
Distribution



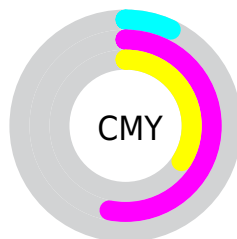
- Red (93%)
- Green (47%)
- Blue (66%)



- Red (93%)
- Yellow (47%)
- Blue (66%)



- Cyan (0%)
- Magenta (50%)
- Yellow (29%)
- Black (7%)





- Cyan (7%)
- Magenta (53%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.0182, 34.2354, 41.5607 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 49.0182, 34.2354, 41.5607 by changing the saturation by 10% instead.


 49.0182, 34.2354,
41.5607

 49.0182, 34.2354,
41.5607

373.3297,
321.1804, 368.4044


 34.8485, 23.0745,
28.4345


 87.9190, 66.2996,
78.7972

 23.7122, 14.6485,
18.4115


 113.3809, 87.9716,
103.7446

 15.2438, 8.5731,
11.0734


 143.3375,
113.9162, 133.4694

 9.0781, 4.4638,
6.0014

178.1543,
144.5177, 168.3903

 4.8497, 1.9362,
2.7771

218.1966,
180.1604, 208.9256

 2.1932, 0.5700,
0.9820

263.8296,

 0.7391, 0.0000,

221.2289, 255.4941

0.0000

315.4189,
268.1074, 308.5142

■ 0.0000, 0.0000,
0.0000

■ 49.0182, 34.2354,
41.5607

■ 49.0182, 34.2354,
41.5607

■ 45.3041, 28.7722,
34.2643

■ 53.5801, 41.1748,
49.8151

■ 42.3767, 24.6706,
27.8838

■ 59.0393, 49.6839,
59.0629

■ 40.1709, 21.8071,
22.3758

■ 65.4449, 59.8539,
69.3399

■ 38.6085, 20.0328,
17.6912

■ 72.8412, 71.7681,
80.6793

■ 37.5602, 19.0974,
13.7625

■ 81.2699, 85.5037,
93.1127

■ 37.5600, 19.0972,
13.7614

■ 88.5598, 96.7131,
105.9334

■ 89.0700, 96.9172,
108.6201

Harmonies

Analogous

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



45.6365, 34.2354, 66.8449



49.0182, 34.2354, 41.5607



47.4672, 34.2354, 22.8160

Triad

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



49.0182, 34.2354, 41.5607



26.9943, 34.2354, 10.9471



24.8487, 34.2354, 81.5902

Complementary

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



49.0182, 34.2354, 41.5607



47.2611, 68.7028, 58.3506

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.



21.1243, 34.2354, 56.8331



49.0182, 34.2354, 41.5607



22.2240, 34.2354, 18.0382

Square

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



49.0182, 34.2354, 41.5607



34.0031, 34.2354, 9.5060



20.2425, 34.2354, 33.2974



31.1189, 34.2354, 94.9842

Rectangle

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



49.0182, 34.2354, 41.5607



43.9493, 34.2354, 15.3191



20.2425, 34.2354, 33.2974



23.2983, 34.2354, 73.9518

Sweetspot

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



49.0192, 34.2371, 41.5613



80.6708, 76.6299, 87.4955



42.3862, 29.8622, 84.4192



16.8811, 15.7815, 18.1334



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.



49.0192, 34.2371, 41.5613



52.9002, 33.5263, 39.8950



46.1718, 34.6725, 21.7139



16.0483, 15.8690, 17.8106



21.0159, 10.6788, 8.0002



1.7969, 0.9078, 0.9214

Inverse Universe

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



49.0192, 34.2371, 41.5613



52.9002, 33.5263, 39.8950



51.3570, 66.7267, 91.0619



16.0483, 15.8690, 17.8106



21.0159, 10.6788, 8.0002



1.7969, 0.9078, 0.9214

Previews

White Background



This preview shows how the XYZ color 49.0182, 34.2354, 41.5607 looks on a white background.

Color Contrast Check

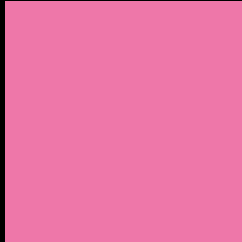
Large Text (above 18pt) WCAG AA × Fail

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 49.0182, 34.2354, 41.5607 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 49.0182, 34.2354, 41.5607

Background



This preview shows how black text looks on a background with the XYZ color 49.0182, 34.2354, 41.5607.



This preview shows how white text looks on a background with the XYZ color 49.0182, 34.2354,

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

49.0182, 34.2354, 41.5607

Protanopia

34.2603, 34.4482, 55.2955

Deuteranopia

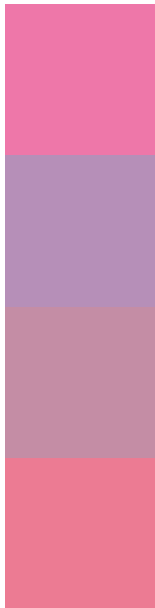
35.1797, 34.5262, 39.4604



Tritanopia

46.0950, 34.3331, 27.1192

Trichromacy



Original Color

49.0182, 34.2354, 41.5607

Protanomaly

37.7656, 33.0507, 49.7364

Deuteranomaly

39.0814, 33.5021, 40.0041

Tritanomaly

46.9415, 34.1054, 31.7127

Monochromacy



Original Color

49.0182, 34.2354, 41.5607

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

37.4753, 33.5865, 39.1580

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.0182, 34.2354, 41.5607 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(238, 119, 169)` looks like.

```
.text, #text, p{  
    color:rgb(238, 119, 169)  
}
```

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(238, 119, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 119, 169) }
```

Border

The CSS property to change the border of an element to XYZ 49.0182, 34.2354, 41.5607 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(238, 119, 169) }
```


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

```
.border{ border-color:rgb(238, 119, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 119, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 119, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 119, 169);  
box-shadow:4px 4px 4px 4px rgb(238, 119,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 49.0182, 34.2354, 41.5607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 119, 169) }
```

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

```
.background{ background-color: rgb(238,  
119, 169) }
```

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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