

Converting Colors

XYZ(46.7536, 34.0349, 34.7219)

Have a look what the booklet for
XYZ(46.7536, 34.0349, 34.7219)
contains.

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Color

**XYZ(46.6447, 34.0720,
34.6900)**

Conversions

Conversions Part 1

Format	Color
Hex	E97C9A
RGB	233, 124, 154
RGB Percent	91%, 49%, 60%
CMY	0.0863, 0.5137, 0.3961
CMYK	0.00, 0.47, 0.34, 0.09
HSL	343°, 71%, 70%
HSV	343°, 47%, 91%
XYZ	46.6447, 34.0720, 34.6900
YIQ	160.0110, 55.3340, 32.4380

Conversions

Conversions Part 2

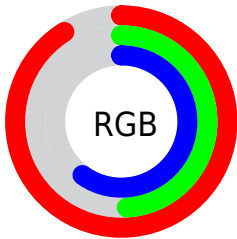
Format	Color
R _Y B	233, 124, 154
Decimal	15301786
CIE Lab	65.02, 45.17, 3.09
CIE LCh	65, 45.272, 3.915
Yxy	34.0720, 0.4042, 0.2952
Android (android.graphics.Color)	4293491866 (0xFFE97C9A)
YUV	160.0110, -2.9634, 64.0114
Hunter-Lab	58.3712, 40.4905, 5.6238

Details

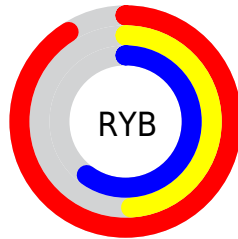
The XYZ color **46.6447, 34.0720, 34.6900** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **48.2323, 66.8756, 66.8697**, and the grayscale version is **33.4150, 35.1552, 38.2840**.

A 20% lighter version of the original color is **68.7453, 58.0543, 67.2568**, and **22.1570, 14.4844, 14.4599** is the 20% darker color. If you saturate the color by 10%, you get **42.7531, 28.3835, 26.9346**, and if you desaturate by 10%, it is **51.4259, 41.2226, 43.7189**.

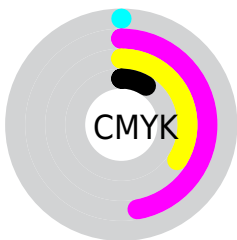
Distribution



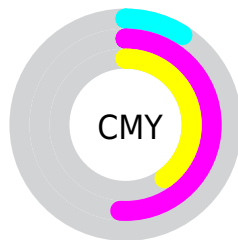
- Red (91%)
- Green (49%)
- Blue (60%)



- Red (91%)
- Yellow (49%)
- Blue (60%)



- Cyan (0%)
- Magenta (47%)
- Yellow (34%)
- Black (9%)




- Cyan (9%)
- Magenta (51%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.6447, 34.0720, 34.6900 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 46.6447, 34.0720, 34.6900 by changing the saturation by 10% instead.


 46.6447, 34.0720,
34.6900


 46.6447, 34.0720,
34.6900


364.0672,
320.4530, 338.0605


 32.9616, 22.9489,
23.1425


 84.4050, 66.0456,
68.1514

 22.2561, 14.5558,
14.4925


 109.2129, 87.6649,
90.9023

 14.1629, 8.5082,
8.3214


 138.4599,
113.5518, 118.2249

 8.3165, 4.4218,
4.2105

172.5112,
144.0906, 150.5376

 4.3516, 1.9122,
1.7415

211.7322,
179.6657, 188.2590

 1.9029, 0.5557,
0.3890

256.4883,

 0.5785, 0.0000,

220.6616, 231.8075

0.0000

307.1449,
267.4625, 281.6019

■ 0.0000, 0.0000,
0.0000

■ 46.6447, 34.0720,
34.6900

■ 46.6447, 34.0720,
34.6900

■ 42.7531, 28.3835,
26.9346

■ 51.4259, 41.2226,
43.7189

■ 39.6906, 24.0500,
20.3912

■ 57.1461, 49.9223,
54.0750

■ 37.3936, 20.9580,
14.9953

■ 63.8544, 60.2572,
65.8111

■ 35.7872, 18.9727,
10.6752

■ 71.5954, 72.3059,
78.9764

■ 34.7775, 17.9233,
7.3485

■ 80.4113, 86.1415,
93.6177

■ 34.5332, 17.6952,
6.4639

■ 87.4144, 96.0637,
108.5427

Harmonies

Analogous

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



45.0642, 34.0720, 55.3261



46.6447, 34.0720, 34.6900



44.0009, 34.0720, 20.3930

Triad

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



46.6447, 34.0720, 34.6900



25.8532, 34.0720, 14.4943



27.1562, 34.0720, 79.8391

Complementary

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



46.6447, 34.0720, 34.6900



48.2323, 66.8756, 66.8697

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.



23.0167, 34.0720, 61.0829



46.6447, 34.0720, 34.6900



22.3387, 34.0720, 23.3913

Square

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



46.6447, 34.0720, 34.6900



31.5321, 34.0720, 11.4943



21.3743, 34.0720, 39.6162



33.2520, 34.0720, 85.9736

Rectangle

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



46.6447, 34.0720, 34.6900



40.3832, 34.0720, 14.9171



21.3743, 34.0720, 39.6162



25.5184, 34.0720, 74.5493

Sweetspot

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



46.6456, 34.0737, 34.6906



80.8101, 77.7438, 84.9668



46.3057, 32.8732, 80.9956



16.8760, 15.9877, 17.4644



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.



46.6456, 34.0737, 34.6906



52.6827, 35.1431, 33.4972



47.7735, 39.8404, 24.2429



15.2358, 15.1222, 16.5269



19.6397, 10.0586, 3.9041



1.5816, 0.8056, 0.5143

Inverse Universe

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



46.6456, 34.0737, 34.6906



52.6827, 35.1431, 33.4972



45.9161, 55.9588, 85.4721



15.2358, 15.1222, 16.5269



19.6397, 10.0586, 3.9041



1.5816, 0.8056, 0.5143

Previews

White Background



This preview shows how the XYZ color 46.6447, 34.0720, 34.6900 looks on a white background.

Color Contrast Check

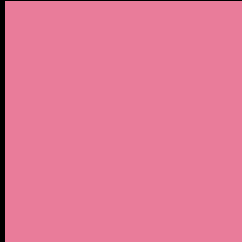
Large Text (above 18pt) WCAG AA × Fail

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 46.6447, 34.0720, 34.6900 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 46.6447, 34.0720, 34.6900

Background



This preview shows how black text looks on a background with the XYZ color 46.6447, 34.0720, 34.6900.



This preview shows how white text looks on a background with the XYZ color 46.6447, 34.0720,

34.6900.

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

46.6447, 34.0720, 34.6900

Protanopia

33.5044, 34.2992, 44.3897

Deuteranopia

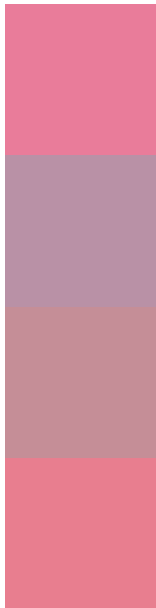
34.9475, 34.2995, 33.2123



Tritanopia

44.9883, 33.9452, 27.4735

Trichromacy



Original Color

46.6447, 34.0720, 34.6900

Protanomaly

37.0159, 33.3183, 40.5565

Deuteranomaly

38.2849, 33.4507, 33.7170

Tritanomaly

45.6975, 34.0607, 30.1524

Monochromacy



Original Color

46.6447, 34.0720, 34.6900

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

37.0988, 33.9009, 36.9360

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.6447, 34.0720, 34.6900 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(233, 124, 154)` looks like.

```
.text, #text, p{  
    color:rgb(233, 124, 154)  
}
```

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(233, 124, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 124, 154) }
```

Border

The CSS property to change the border of an element to XYZ 46.6447, 34.0720, 34.6900 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(233, 124, 154) }
```


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

```
.border{ border-color:rgb(233, 124, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 124, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 124, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 124, 154);  
box-shadow:4px 4px 4px 4px rgb(233, 124,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 46.6447, 34.0720, 34.6900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 124, 154) }
```

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

```
.background{ background-color: rgb(233,  
124, 154) }
```

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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