

Converting Colors

XYZ(46.2815, 32.9481, 39.3478)

Have a look what the booklet for
XYZ(46.2815, 32.9481, 39.3478)
contains.

XYZ(46.3434, 32.8992, 39.5049)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(46.3434, 32.8992,
39.5049)**

Conversions

Conversions Part 1

Format	Color
Hex	E777A5
RGB	231, 119, 165
RGB Percent	91%, 47%, 65%
CMY	0.0941, 0.5333, 0.3529
CMYK	0.00, 0.48, 0.29, 0.09
HSL	335°, 70%, 69%
HSV	335°, 48%, 91%
XYZ	46.3434, 32.8992, 39.5049
YIQ	157.7320, 51.9860, 38.0500

Conversions

Conversions Part 2

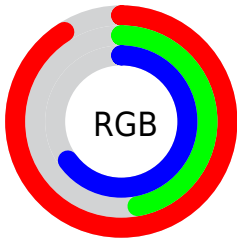
Format	Color
R _Y B	231, 119, 165
Decimal	15169445
CIE Lab	64.08, 48.37, -4.58
CIE LCh	64, 48.585, 354.592
Yxy	32.8992, 0.3903, 0.2771
Android (android.graphics.Color)	4293359525 (0xFFE777A5)
YUV	157.7320, 3.5831, 64.2560
Hunter-Lab	57.3578, 43.8464, -0.6852

Details

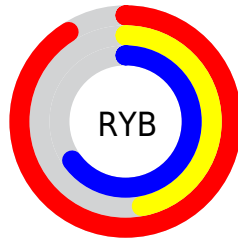
The XYZ color **46.3434, 32.8992, 39.5049** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **44.9423, 64.5775, 55.9984**, and the grayscale version is **32.3468, 34.0314, 37.0602**.

A 20% lighter version of the original color is **69.2943, 56.6994, 75.0020**, and **22.1624, 13.9729, 17.1517** is the 20% darker color. If you saturate the color by 10%, you get **42.7469, 27.5847, 32.5148**, and if you desaturate by 10%, it is **50.7417, 39.6058, 47.4137**.

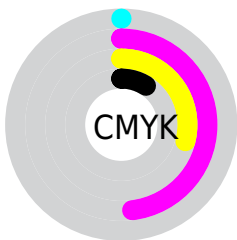
Distribution



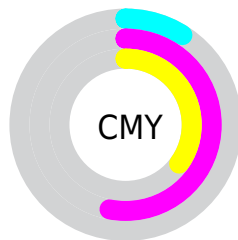
- Red (91%)
- Green (47%)
- Blue (65%)



- Red (91%)
- Yellow (47%)
- Blue (65%)



- Cyan (0%)
- Magenta (48%)
- Yellow (29%)
- Black (9%)





- Cyan (9%)
- Magenta (53%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.3434, 32.8992, 39.5049 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 46.3434, 32.8992, 39.5049 by changing the saturation by 10% instead.


 46.3434, 32.8992,
39.5049

 46.3434, 32.8992,
39.5049


362.8804,
315.1953, 359.5222


 32.7227, 22.0492,
26.8419

 83.9574, 64.2181,
75.6378

 22.0723, 13.8931,
17.2231


 108.6814, 85.4559,
99.9448

 14.0269, 8.0463,
10.2301


 137.8372,
110.9250, 128.9702

 8.2212, 4.1246,
5.4442

171.7901,
141.0099, 163.1326

 4.2898, 1.7435,
2.4469

210.9055,
176.0950, 202.8504

 1.8674, 0.4516,
0.8118

255.5488,

 0.5578, 0.0000,

216.5647, 248.5422

0.0000

306.0853,
262.8033, 300.6267

■ 0.0000, 0.0000,
0.0000

■ 46.3434, 32.8992,
39.5049

■ 46.3434, 32.8992,
39.5049

■ 42.7469, 27.5847,
32.5148

■ 50.7417, 39.6058,
47.4137

■ 39.8961, 23.5571,
26.4034

■ 55.9872, 47.7897,
56.2747

■ 37.7315, 20.7045,
21.1299

■ 62.1251, 57.5351,
66.1219

■ 36.1825, 18.8927,
16.6484

■ 69.1966, 68.9182,
76.9868

■ 35.1478, 17.9270,
12.9011

■ 77.2399, 82.0106,
88.8994

■ 35.0147, 17.8128,
12.3879

■ 85.4543, 95.2047,
101.6094

■ 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.



43.3138, 32.8992, 62.5026



46.3434, 32.8992, 39.5049



44.8785, 32.8992, 22.2762

Triad

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



46.3434, 32.8992, 39.5049



26.0902, 32.8992, 11.2648



24.2262, 32.8992, 76.3291

Complementary

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



46.3434, 32.8992, 39.5049



44.9423, 64.5775, 55.9984

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.



20.7343, 32.8992, 53.9764



46.3434, 32.8992, 39.5049



21.6950, 32.8992, 18.0749

Square

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



46.3434, 32.8992, 39.5049



32.5306, 32.8992, 9.8227



19.8802, 32.8992, 32.3747



30.0418, 32.8992, 88.1988

Rectangle

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



46.3434, 32.8992, 39.5049



41.6468, 32.8992, 15.2913



19.8802, 32.8992, 32.3747



22.7777, 32.8992, 69.4699

Sweetspot

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



46.3443, 32.9008, 39.5055



80.6192, 76.6092, 87.2240



40.8693, 29.1967, 79.0831



16.8688, 15.7766, 18.0683



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.



46.3443, 32.9008, 39.5055



53.5611, 34.6175, 40.8267



44.0488, 33.8481, 21.6665



14.6212, 14.4657, 16.2054



19.6879, 10.0094, 7.2512



1.5001, 0.7577, 0.7740

Inverse Universe

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



46.3443, 32.9008, 39.5055



53.5611, 34.6175, 40.8267



48.0656, 61.7581, 84.9888



14.6212, 14.4657, 16.2054



19.6879, 10.0094, 7.2512



1.5001, 0.7577, 0.7740

Previews

White Background



This preview shows how the XYZ color 46.3434, 32.8992, 39.5049 looks on a white background.

Color Contrast Check

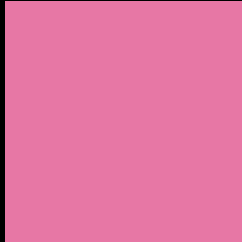
Large Text (above 18pt) WCAG AA × Fail

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 46.3434, 32.8992, 39.5049 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

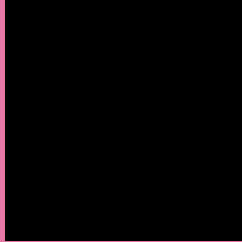
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.3434, 32.8992, 39.5049

Background



This preview shows how black text looks on a background with the XYZ color 46.3434, 32.8992, 39.5049.



This preview shows how white text looks on a background with the XYZ color 46.3434, 32.8992,

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

46.3434, 32.8992, 39.5049

Protanopia

32.9197, 33.0886, 51.6654

Deuteranopia

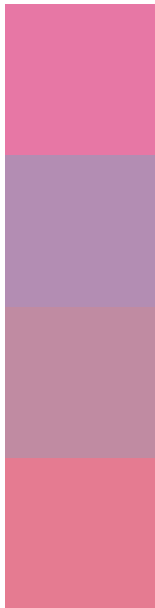
33.7740, 33.1063, 37.8678



Tritanopia

43.6316, 32.8824, 26.6016

Trichromacy



Original Color

46.3434, 32.8992, 39.5049

Protanomaly

36.2520, 31.8881, 46.8922

Deuteranomaly

37.4924, 32.2803, 38.4371

Tritanomaly

44.5069, 32.8683, 30.7865

Monochromacy



Original Color

46.3434, 32.8992, 39.5049

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

36.4139, 32.8340, 38.1366

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.3434, 32.8992, 39.5049 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, 119, 165)` looks like.

```
.text, #text, p{  
    color:rgb(231, 119, 165)  
}
```

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, 119, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 119, 165) }
```

Border

The CSS property to change the border of an element to XYZ 46.3434, 32.8992, 39.5049 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, 119, 165) }
```


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

```
.border{ border-color:rgb(231, 119, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 119, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 119, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 119, 165);  
box-shadow:4px 4px 4px 4px rgb(231, 119,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 46.3434, 32.8992, 39.5049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 119, 165) }
```

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

```
.background{ background-color: rgb(231,  
119, 165) }
```

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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