

Converting Colors

XYZ(45.3032, 32.8308, 34.5211)

Have a look what the booklet for
XYZ(45.3032, 32.8308, 34.5211)
contains.

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Color

**XYZ(45.3032, 32.8308,
34.5211)**

Conversions

Conversions Part 1

Format	Color
Hex	E6799A
RGB	230, 121, 154
RGB Percent	90%, 47%, 60%
CMY	0.0980, 0.5255, 0.3961
CMYK	0.00, 0.47, 0.33, 0.10
HSL	342°, 69%, 69%
HSV	342°, 47%, 90%
XYZ	45.3032, 32.8308, 34.5211
YIQ	157.3530, 54.3710, 33.3710

Conversions

Conversions Part 2

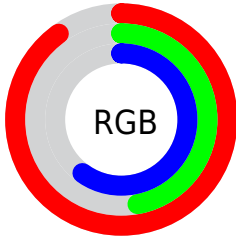
Format	Color
R _Y B	230, 121, 154
Decimal	15104410
CIE Lab	64.02, 45.64, 1.60
CIE LCh	64, 45.669, 2.002
Yxy	32.8308, 0.4021, 0.2914
Android (android.graphics.Color)	4293294490 (0xFFE6799A)
YUV	157.3530, -1.6530, 63.7114
Hunter-Lab	57.2982, 40.8605, 4.3876

Details

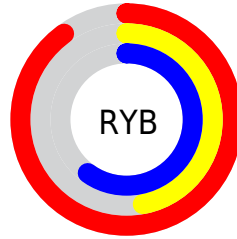
The XYZ color **45.3032, 32.8308, 34.5211** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **46.2616, 64.6905, 62.8750**, and the grayscale version is **32.1978, 33.8746, 36.8894**.

A 20% lighter version of the original color is **68.1505, 56.8647, 67.0586**, and **21.5286, 13.8842, 14.3772** is the 20% darker color. If you saturate the color by 10%, you get **41.5862, 27.3935, 27.1265**, and if you desaturate by 10%, it is **49.8667, 39.6752, 43.0790**.

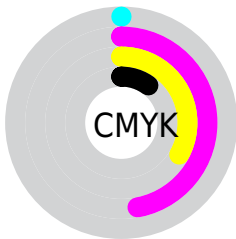
Distribution



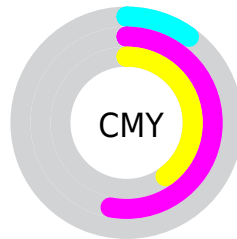
- Red (90%)
- Green (47%)
- Blue (60%)



- Red (90%)
- Yellow (47%)
- Blue (60%)



- Cyan (0%)
- Magenta (47%)
- Yellow (33%)
- Black (10%)





- Cyan (10%)
- Magenta (53%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.3032, 32.8308, 34.5211 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 45.3032, 32.8308, 34.5211 by changing the saturation by 10% instead.


 45.3032, 32.8308,
34.5211


 45.3032, 32.8308,
34.5211


358.7632,
314.8866, 337.2892


 31.8986, 21.9969,
23.0136


 82.4095, 64.1113,
67.8863

 21.4392, 13.8546,
14.3982


 106.8419, 85.3266,
90.5812

 13.5597, 8.0196,
8.2562


 135.6809,
110.7712, 117.8422

 7.8947, 4.1075,
4.1692

169.2919,
140.8294, 150.0880

 4.0789, 1.7339,
1.7186

208.0403,
175.8857, 187.7370

 1.7469, 0.4454,
0.3734

252.2914,

 0.4853, 0.0000,

216.3244, 231.2079

0.0000

302.4106,
262.5299, 280.9191

■ 0.0000, 0.0000,
0.0000

■ 45.3032, 32.8308,
34.5211

■ 45.3032, 32.8308,
34.5211

■ 41.5862, 27.3935,
27.1265

■ 49.8667, 39.6752,
43.0790

■ 38.6579, 23.2593,
20.8403

■ 55.3240, 48.0112,
52.8478

■ 36.4571, 20.3178,
15.6055


■ 61.7221, 57.9224,
63.8745


■ 34.9118, 18.4377,
11.3584


■ 69.1037, 69.4846,
76.2029

■ 33.9281, 17.4453,
8.0247

■ 77.5088, 82.7690,
89.8746

 33.7268, 17.2605,
7.2865

 85.6839, 95.2593,
104.4990

 86.4431, 95.5630,
108.4972

Harmonies

Analogous

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



43.4781, 32.8308, 55.1343



45.3032, 32.8308, 34.5211



42.9401, 32.8308, 20.0421

Triad

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



45.3032, 32.8308, 34.5211



25.0862, 32.8308, 13.3036



25.7403, 32.8308, 77.1433

Complementary

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



45.3032, 32.8308, 34.5211



46.2616, 64.6905, 62.8750

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.



21.8297, 32.8308, 58.0522



45.3032, 32.8308, 34.5211



21.4902, 32.8308, 21.5386

Square

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



45.3032, 32.8308, 34.5211



30.7736, 32.8308, 10.7128



20.3843, 32.8308, 37.0019



31.6398, 32.8308, 84.2525

Rectangle

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



45.3032, 32.8308, 34.5211



39.4741, 32.8308, 14.4361



20.3843, 32.8308, 37.0019



24.1792, 32.8308, 71.6516

Sweetspot

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



45.3041, 32.8324, 34.5217



80.9478, 77.7989, 85.6920



43.7524, 31.0564, 78.5514



16.9093, 16.0010, 17.6396



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.



45.3041, 32.8324, 34.5217



52.5819, 34.6579, 34.3376



45.6079, 37.2500, 22.8774



14.5557, 14.4395, 15.8606



19.1417, 9.7909, 4.3753



1.4546, 0.7396, 0.5346

Inverse Universe

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



45.3041, 32.8324, 34.5217



52.5819, 34.6579, 34.3376



45.2200, 55.8806, 83.2656



14.5557, 14.4395, 15.8606



19.1417, 9.7909, 4.3753



1.4546, 0.7396, 0.5346

Previews

White Background



This preview shows how the XYZ color 45.3032, 32.8308, 34.5211 looks on a white background.

Color Contrast Check

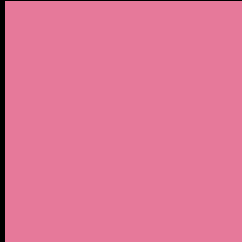
Large Text (above 18pt) WCAG AA × Fail

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 45.3032, 32.8308, 34.5211 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 45.3032, 32.8308, 34.5211

Background



This preview shows how black text looks on a background with the XYZ color 45.3032, 32.8308, 34.5211.



This preview shows how white text looks on a background with the XYZ color 45.3032, 32.8308,

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

45.3032, 32.8308, 34.5211

Protanopia

32.3325, 32.9395, 44.6983

Deuteranopia

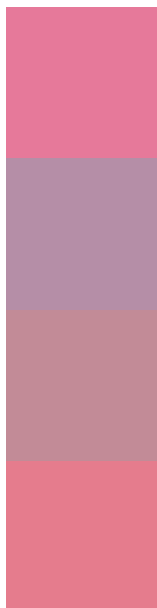
33.5647, 32.8669, 33.0087



Tritanopia

43.6316, 32.8824, 26.6016

Trichromacy



Original Color

45.3032, 32.8308, 34.5211

Protanomaly

35.7041, 31.9598, 40.8463

Deuteranomaly

37.0667, 32.1689, 33.5338

Tritanomaly

44.3285, 32.9964, 29.2319

Monochromacy



Original Color

45.3032, 32.8308, 34.5211

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

35.7412, 32.5372, 35.8490

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.3032, 32.8308, 34.5211 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(230, 121, 154)` looks like.

```
.text, #text, p{  
    color:rgb(230, 121, 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(230, 121, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 121, 154) }
```

Border

The CSS property to change the border of an element to XYZ 45.3032, 32.8308, 34.5211 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(230, 121, 154) }
```


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

```
.border{ border-color:rgb(230, 121, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 121, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 121, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 121, 154);  
box-shadow:4px 4px 4px 4px rgb(230, 121,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 45.3032, 32.8308, 34.5211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 121, 154) }
```

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

```
.background{ background-color: rgb(230,  
121, 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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