

Converting Colors

XYZ(46.3716, 34.0129, 33.5717)

Have a look what the booklet for
XYZ(46.3716, 34.0129, 33.5717)
contains.

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Color

**XYZ(46.3978, 33.9733,
33.3902)**

Conversions

Conversions Part 1

Format	Color
Hex	E97C97
RGB	233, 124, 151
RGB Percent	91%, 49%, 59%
CMY	0.0863, 0.5137, 0.4078
CMYK	0.00, 0.47, 0.35, 0.09
HSL	345°, 71%, 70%
HSV	345°, 47%, 91%
XYZ	46.3978, 33.9733, 33.3902
YIQ	159.6690, 56.2970, 31.5050

Conversions

Conversions Part 2

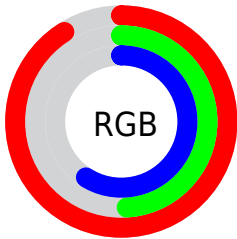
Format	Color
R_{YB}	233, 124, 151
Decimal	15301783
CIE _{Lab}	64.94, 44.81, 4.68
CIE _{LCh}	65, 45.051, 5.968
Yxy	33.9733, 0.4079, 0.2986
Android (android.graphics.Color)	4293491863 (0xFFE97C97)
YUV	159.6690, -4.2738, 64.3113
Hunter-Lab	58.2866, 40.0895, 6.8356

Details

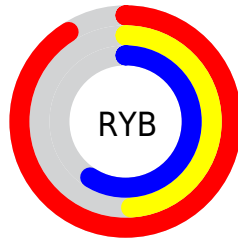
The XYZ color **46.3978, 33.9733, 33.3902** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **48.5933, 67.0199, 68.7712**, and the grayscale version is **33.2632, 34.9954, 38.1100**.

A 20% lighter version of the original color is **68.3795, 57.9080, 65.3310**, and **22.0090, 14.4252, 13.6809** is the 20% darker color. If you saturate the color by 10%, you get **42.4958, 28.2807, 25.5804**, and if you desaturate by 10%, it is **51.2031, 41.1335, 42.5461**.

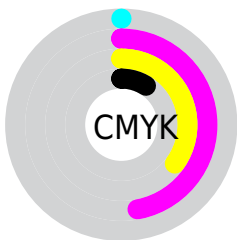
Distribution



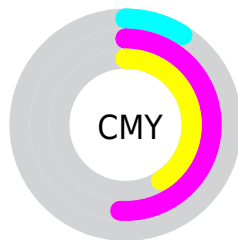
- Red (91%)
- Green (49%)
- Blue (59%)



- Red (91%)
- Yellow (49%)
- Blue (59%)



- Cyan (0%)
- Magenta (47%)
- Yellow (35%)
- Black (9%)





- Cyan (9%)
- Magenta (51%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.3978, 33.9733, 33.3902 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 46.3978, 33.9733, 33.3902 by changing the saturation by 10% instead.


 46.3978, 33.9733,
33.3902

 46.3978, 33.9733,
33.3902


363.0948,
320.0130, 332.0901


 32.7658, 22.8731,
22.1520


 84.0383, 65.8921,
66.1073

 22.1055, 14.4998,
13.7692

 108.7774, 87.4796,
88.4232

 14.0515, 8.4691,
7.8234


 137.9497,
113.3315, 115.2687

 8.2384, 4.3966,
3.8960


171.9204,
143.8324, 147.0625

 4.3010, 1.8978,
1.5685

211.0549,
179.3666, 184.2230

 1.8738, 0.5470,
0.2682

255.7186,

 0.5615, 0.0000,

220.3185, 227.1687

0.0000

306.2768,
267.0725, 276.3182

■ 0.0000, 0.0000,
0.0000

■ 46.3978, 33.9733,
33.3902

■ 46.3978, 33.9733,
33.3902

■ 42.4958, 28.2807,
25.5804

■ 51.2031, 41.1335,
42.5461

■ 39.4357, 23.9481,
19.0493

■ 56.9622, 49.8488,
53.1071

■ 37.1525, 20.8616,
13.7262

■ 63.7251, 60.2056,
65.1307

■ 35.5700, 18.8859,
9.5323

■ 71.5373, 72.2827,
78.6707

■ 34.5929, 17.8494,
6.3767

■ 80.4417, 86.1537,
93.7782

■ 34.3605, 17.6261,
5.5551

■ 87.4142, 96.0636,
108.5427

Harmonies

Analogous

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



45.1154, 33.9733, 53.5828



46.3978, 33.9733, 33.3902



43.5095, 33.9733, 19.6877

Triad

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



46.3978, 33.9733, 33.3902



25.4869, 33.9733, 14.9125



27.4596, 33.9733, 80.3048

Complementary

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



46.3978, 33.9733, 33.3902



48.5933, 67.0199, 68.7712

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.



23.1878, 33.9733, 62.2732



46.3978, 33.9733, 33.3902



22.1605, 33.9733, 24.2356

Square

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



46.3978, 33.9733, 33.3902



31.0075, 33.9733, 11.5764



21.3790, 33.9733, 40.8421



33.6086, 33.9733, 85.2854

Rectangle

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



46.3978, 33.9733, 33.3902



39.8094, 33.9733, 14.5369



21.3790, 33.9733, 40.8421



25.7836, 33.9733, 75.3303

Sweetspot

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



46.3987, 33.9750, 33.3908



80.6731, 77.6890, 84.2455



47.3012, 33.3865, 81.0419



16.8430, 15.9745, 17.2904



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.



46.3987, 33.9750, 33.3908



52.3673, 35.0170, 31.8365



48.3505, 40.9944, 24.4354



15.2185, 15.1152, 16.4357



19.5384, 10.0180, 3.3704



1.5716, 0.8016, 0.4616

Inverse Universe

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



46.3987, 33.9750, 33.3908



52.3673, 35.0170, 31.8365



45.0327, 54.1919, 85.1773



15.2185, 15.1152, 16.4357



19.5384, 10.0180, 3.3704



1.5716, 0.8016, 0.4616

Previews

White Background



This preview shows how the XYZ color 46.3978, 33.9733, 33.3902 looks on a white background.

Color Contrast Check

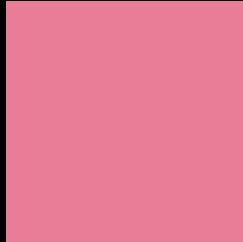
Large Text (above 18pt) WCAG AA × Fail

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 46.3978, 33.9733, 33.3902 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 46.3978, 33.9733, 33.3902

Background



This preview shows how black text looks on a background with the XYZ color 46.3978, 33.9733, 33.3902.



This preview shows how white text looks on a background with the XYZ color 46.3978, 33.9733,

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

46.3978, 33.9733, 33.3902

Protanopia

33.2173, 34.1843, 42.8777

Deuteranopia

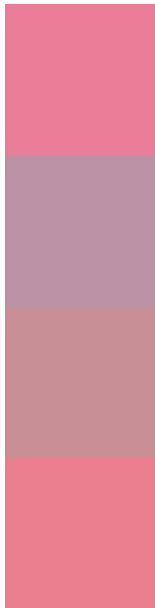
34.7766, 33.9968, 31.9232



Tritanopia

45.3120, 34.1121, 27.4886

Trichromacy



Original Color

46.3978, 33.9733, 33.3902

Protanomaly

36.7438, 33.2094, 39.1238

Deuteranomaly

38.3070, 33.4899, 32.4622

Tritanomaly

45.5473, 34.0006, 29.3615

Monochromacy



Original Color

46.3978, 33.9733, 33.3902

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

37.0130, 33.8666, 36.4844

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.3978, 33.9733, 33.3902 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, 151)` looks like.

```
.text, #text, p{  
    color:rgb(233, 124, 151)  
}
```

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, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 124, 151) }
```

Border

The CSS property to change the border of an element to XYZ 46.3978, 33.9733, 33.3902 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, 151) }
```


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

```
.border{ border-color:rgb(233, 124, 151) }
```

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, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 124, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 124, 151);  
box-shadow:4px 4px 4px 4px rgb(233, 124,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 46.3978, 33.9733, 33.3902 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, 151) }
```

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

```
.background{ background-color: rgb(233,  
124, 151) }
```

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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