

Converting Colors

Yxy(33.3423, 0.4282, 0.3099)

Have a look what the booklet for
Yxy(33.3423, 0.4282, 0.3099)
contains.

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Color

Yxy(33.3426, 0.4284, 0.3104)

Conversions

Conversions Part 1

Format	Color
Hex	EC798A
RGB	236, 121, 138
RGB Percent	93%, 47%, 54%
CMY	0.0745, 0.5255, 0.4588
CMYK	0.00, 0.49, 0.42, 0.07
HSL	351°, 75%, 70%
HSV	351°, 49%, 93%
XYZ	46.0179, 33.3426, 28.0576
YIQ	157.3230, 63.0830, 29.6670

Conversions

Conversions Part 2

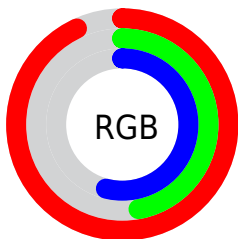
Format	Color
R _Y B	236, 121, 138
Decimal	15497610
CIE Lab	64.44, 45.90, 11.41
CIE LCh	64, 47.300, 13.965
Yxy	33.3426, 0.4284, 0.3104
Android (android.graphics.Color)	4293687690 (0xFFEC798A)
YUV	157.3230, -9.5262, 68.9997
Hunter-Lab	57.7431, 41.2041, 11.6108

Details

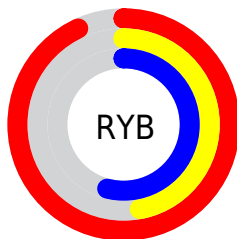
The Yxy color **33.3426, 0.4284, 0.3104** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **69.1721, 0.2565, 0.3502**, and the grayscale version is **33.8937, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.0723, 0.3699, 0.3135**, and **14.1859, 0.4676, 0.3021** is the 20% darker color. If you saturate the color by 10%, you get **27.7631, 0.4676, 0.3079**, and if you desaturate by 10%, it is **40.4362, 0.3947, 0.3139**.

Distribution



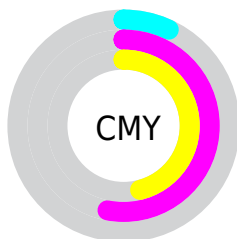
- Red (93%)
- Green (47%)
- Blue (54%)



- Red (93%)
- Yellow (47%)
- Blue (54%)



- Cyan (0%)
- Magenta (49%)
- Yellow (42%)
- Black (7%)





- Cyan (7%)
- Magenta (53%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 33.3426, 0.4284, 0.3104 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 Yxy color 33.3426, 0.4284, 0.3104 by changing the saturation by 10% instead.


 33.3426, 0.4284,
0.3104


 33.3426, 0.4284,
0.3104


317.1907, 0.3669,
0.3219


 22.3890, 0.4448,
0.3068


 64.9100, 0.4052,
0.3151

 14.1430, 0.4665,
0.3016


 86.2927, 0.3968,
0.3167

 8.2202, 0.4963,
0.2939


 111.9205, 0.3897,
0.3180

 4.2362, 0.5394,
0.2814

142.1779, 0.3838,
0.3191

 1.8065, 0.6058,
0.2591

177.4492, 0.3787,
0.3200

 0.4912, 0.7883,
0.2117

218.1188, 0.3742,

 0.0000, 1.0000,


0.3207


0.0000

264.5712, 0.3704,
0.3213


 0.0000, 0.0000,
0.0000


 33.3426, 0.4284,
0.3104

 33.3426, 0.4284,
0.3104

 27.7631, 0.4676,
0.3079


 40.4362, 0.3947,
0.3139

 23.5825, 0.5108,
0.3071


 49.1379, 0.3668,
0.3179

 20.6774, 0.5541,
0.3088


 59.5400, 0.3441,
0.3219

 18.9002, 0.5921,
0.3132

 71.7265, 0.3257,
0.3258

 18.0349, 0.6197,
0.3196

 85.7757, 0.3110,
0.3294

 17.9540, 0.6225,
0.3203

 96.5733, 0.3011,
0.3290

Harmonies

Analogous

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



33.3426, 0.3618, 0.2630



33.3426, 0.4284, 0.3104



33.3426, 0.4589, 0.3646

Triad

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



33.3426, 0.4284, 0.3104



33.3426, 0.3245, 0.4602



33.3426, 0.1927, 0.2275

Complementary

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



33.3426, 0.4284, 0.3104



69.1721, 0.2565, 0.3502

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.



33.3426, 0.1855, 0.2662



33.3426, 0.4284, 0.3104



33.3426, 0.2563, 0.4111

Square

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



33.3426, 0.4284, 0.3104



33.3426, 0.3933, 0.4575



33.3426, 0.2068, 0.3332



33.3426, 0.2270, 0.2167

Rectangle

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



33.3426, 0.4284, 0.3104



33.3426, 0.4536, 0.4008



33.3426, 0.2068, 0.3332



33.3426, 0.1872, 0.2371

Sweetspot

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



33.3443, 0.4284, 0.3104



76.0526, 0.3369, 0.3234



34.7538, 0.3020, 0.2053



15.6437, 0.3410, 0.3226



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



33.3443, 0.4284, 0.3104



33.3804, 0.4656, 0.3080



44.7924, 0.4247, 0.3743



15.0903, 0.3270, 0.3255



9.9079, 0.6196, 0.3187



0.7892, 0.5862, 0.3003

Inverse Universe

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



33.3443, 0.4284, 0.3104



33.3804, 0.4656, 0.3080



49.4901, 0.2388, 0.2767



15.0903, 0.3270, 0.3255



9.9079, 0.6196, 0.3187



0.7892, 0.5862, 0.3003

Previews

White Background



This preview shows how the Yxy color 33.3426, 0.4284, 0.3104 looks on a white background.

Color Contrast Check

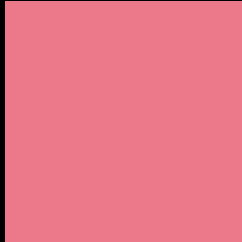
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 33.3426, 0.4284, 0.3104 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](#).

Yxy 33.3426, 0.4284, 0.3104

Background



This preview shows how black text looks on a background with the Yxy color 33.3426, 0.4284, 0.3104.



This preview shows how white text looks on a background with the Yxy color 33.3426, 0.4284, 0.3104.

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

33.3426, 0.4284, 0.3104

Protanopia

33.5822, 0.3147, 0.3275

Deuteranopia

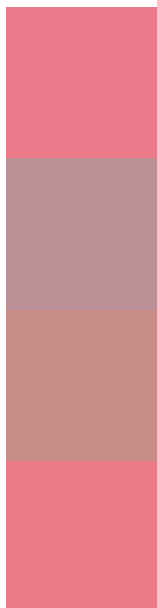
33.5300, 0.3610, 0.3548



Tritanopia

33.2199, 0.4356, 0.3193

Trichromacy



Original Color

33.3426, 0.4284, 0.3104

Protanomaly

32.4117, 0.3531, 0.3195

Deuteranomaly

32.7848, 0.3848, 0.3358

Tritanomaly

33.3025, 0.4319, 0.3159

Monochromacy



Original Color

33.3426, 0.4284, 0.3104

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

32.5876, 0.3517, 0.3208

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.3426, 0.4284, 0.3104 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(236, 121, 138)` looks like.

```
.text, #text, p{  
    color:rgb(236, 121, 138)  
}
```

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(236, 121, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 121, 138) }
```

Border

The CSS property to change the border of an element to Yxy 33.3426, 0.4284, 0.3104 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(236, 121, 138) }
```

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

```
.border{ border-color:rgb(236, 121, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 121, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 121, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 121, 138);  
box-shadow:4px 4px 4px 4px rgb(236, 121,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 33.3426, 0.4284, 0.3104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 121, 138) }
```

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

```
.background{ background-color: rgb(236,  
121, 138) }
```

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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