

Converting Colors

$Yxy(34.1933, 0.4184, 0.3302)$

Have a look what the booklet for
Yxy(34.1933, 0.4184, 0.3302)
contains.

Yxy(34.0158, 0.4178, 0.3293)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(34.0158, 0.4178, 0.3293)

Conversions

Conversions Part 1

Format	Color
Hex	E08484
RGB	224, 132, 132
RGB Percent	88%, 52%, 52%
CMY	0.1216, 0.4823, 0.4823
CMYK	0.00, 0.41, 0.41, 0.12
HSL	360°, 60%, 70%
HSV	360°, 41%, 88%
XYZ	43.1576, 34.0158, 26.1239
YIQ	159.5080, 54.8320, 19.5040

Conversions

Conversions Part 2

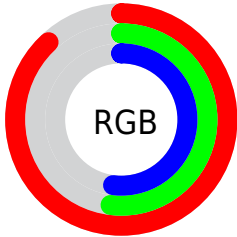
Format	Color
R _Y B	224, 132, 132
Decimal	14713988
CIE Lab	64.98, 35.27, 15.34
CIE LCh	65, 38.464, 23.497
Yxy	34.0158, 0.4178, 0.3293
Android (android.graphics.Color)	4292904068 (0xFFE08484)
YUV	159.5080, -13.5614, 56.5595
Hunter-Lab	58.3231, 30.0202, 14.2692

Details

The Yxy color **34.0158, 0.4178, 0.3293** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **63.6000, 0.2566, 0.3288**, and the grayscale version is **34.9617, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.8806, 0.3726, 0.3302**, and **14.6164, 0.4517, 0.3264** is the 20% darker color. If you saturate the color by 10%, you get **28.0315, 0.4591, 0.3294**, and if you desaturate by 10%, it is **41.4393, 0.3832, 0.3292**.

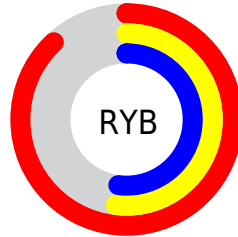
Distribution



Red (88%)

Green (52%)

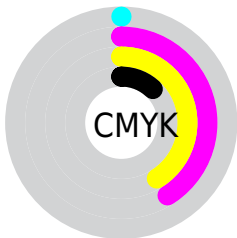
Blue (52%)



Red (88%)

Yellow (52%)

Blue (52%)

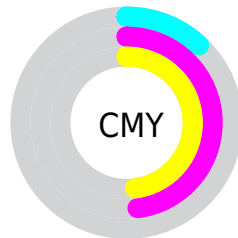


Cyan (0%)

Magenta (41%)

Yellow (41%)

Black (12%)



Cyan (12%)


Magenta (48%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.0158, 0.4178, 0.3293 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 34.0158, 0.4178, 0.3293 by changing the saturation by 10% instead.


 34.0158, 0.4178,
0.3293

 34.0158, 0.4178,
0.3293


320.2025, 0.3620,
0.3310


 22.9057, 0.4327,
0.3282


 65.9582, 0.3968,
0.3304

 14.5239, 0.4524,
0.3262


 87.5594, 0.3891,
0.3307

 8.4860, 0.4795,
0.3228


 113.4264, 0.3827,
0.3308

 4.4074, 0.5188,
0.3161

143.9436, 0.3773,
0.3309

 1.9040, 0.5810,
0.3025

179.4954, 0.3726,
0.3310

 0.5508, 0.7327,
0.2673

220.4662, 0.3686,

 0.0000, 1.0000,

0.3310

0.0000

267.2405, 0.3651,
0.3310

0.0000, 0.0000,
0.0000

34.0158, 0.4178,
0.3293

34.0158, 0.4178,
0.3293

28.0315, 0.4591,
0.3294

41.4393, 0.3832,
0.3292

23.3887, 0.5058,
0.3296

50.3814, 0.3550,
0.3291

19.9852, 0.5538,
0.3297

60.9219, 0.3324,
0.3291

17.7025, 0.5964,
0.3298

73.1334, 0.3144,
0.3290

16.3986, 0.6261,
0.3299

87.0841, 0.3000,
0.3290

 15.8477, 0.6401,
0.3300

 94.5876, 0.2940,
0.3289

Harmonies

Analogous

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



34.0158, 0.3717, 0.2864



34.0158, 0.4178, 0.3293



34.0158, 0.4317, 0.3754

Triad

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



34.0158, 0.4178, 0.3293



34.0158, 0.3054, 0.4244



34.0158, 0.2197, 0.2401

Complementary

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



34.0158, 0.4178, 0.3293



63.6000, 0.2566, 0.3288

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.



34.0158, 0.2063, 0.2660



34.0158, 0.4178, 0.3293



34.0158, 0.2522, 0.3758

Square

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



34.0158, 0.4178, 0.3293



34.0158, 0.3635, 0.4376



34.0158, 0.2172, 0.3146



34.0158, 0.2561, 0.2369

Rectangle

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



34.0158, 0.4178, 0.3293



34.0158, 0.4210, 0.4038



34.0158, 0.2172, 0.3146



34.0158, 0.2126, 0.2461

Sweetspot

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



34.0175, 0.4178, 0.3293



80.1902, 0.3345, 0.3291



37.4893, 0.3160, 0.2279



16.7452, 0.3372, 0.3291



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.



34.0175, 0.4178, 0.3293



38.8518, 0.4516, 0.3294



48.7490, 0.3952, 0.3813



13.7006, 0.3292, 0.3290



9.2243, 0.6401, 0.3300



0.6394, 0.6400, 0.3300

Inverse Universe

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



34.0175, 0.4178, 0.3293



38.8518, 0.4516, 0.3294



42.7435, 0.2471, 0.2694



13.7006, 0.3292, 0.3290



9.2243, 0.6401, 0.3300



0.6394, 0.6400, 0.3300

Previews

White Background



This preview shows how the Yxy color 34.0158, 0.4178, 0.3293 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 34.0158, 0.4178, 0.3293 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 34.0158, 0.4178, 0.3293

Background



This preview shows how black text looks on a background with the Yxy color 34.0158, 0.4178, 0.3293.



This preview shows how white text looks on a background with the Yxy color 34.0158, 0.4178, 0.3293.

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

34.0158, 0.4178, 0.3293

Protanopia

34.3906, 0.3306, 0.3483

Deuteranopia

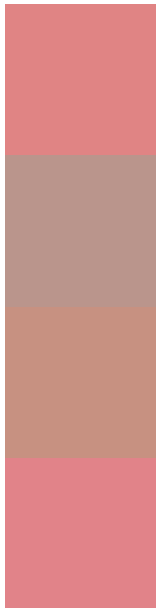
34.2053, 0.3701, 0.3628



Tritanopia

34.1336, 0.4098, 0.3186

Trichromacy



Original Color

34.0158, 0.4178, 0.3293

Protanomaly

33.8274, 0.3609, 0.3416

Deuteranomaly

33.9779, 0.3882, 0.3504

Tritanomaly

34.0463, 0.4134, 0.3222

Monochromacy



Original Color

34.0158, 0.4178, 0.3293

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

34.0820, 0.3470, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.0158, 0.4178, 0.3293 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(224, 132, 132)` looks like.

```
.text, #text, p{  
    color:rgb(224, 132, 132)  
}
```

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(224, 132, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 132, 132) }
```

Border

The CSS property to change the border of an element to Yxy 34.0158, 0.4178, 0.3293 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(224, 132, 132) }
```

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

```
.border{ border-color:rgb(224, 132, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 132, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 132, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 132, 132);  
box-shadow:4px 4px 4px 4px rgb(224, 132,  
132) }
```


Background

The CSS property to change the background color of an element to Yxy 34.0158, 0.4178, 0.3293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 132, 132) }
```

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

```
.background{ background-color: rgb(224,  
132, 132) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor