

Converting Colors

$Y_{xy}(34.0576, 0.4314, 0.3316)$

Have a look what the booklet for
Yxy(34.0576, 0.4314, 0.3316)
contains.

Yxy(34.0558, 0.4315, 0.3316)	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(34.0558, 0.4315, 0.3316)

Conversions

Conversions Part 1

Format	Color
Hex	E6817F
RGB	230, 129, 127
RGB Percent	90%, 51%, 50%
CMY	0.0980, 0.4941, 0.5018
CMYK	0.00, 0.44, 0.45, 0.10
HSL	1°, 67%, 70%
HSV	1°, 45%, 90%
XYZ	44.3157, 34.0558, 24.3300
YIQ	158.9710, 60.8380, 20.7900

Conversions

Conversions Part 2

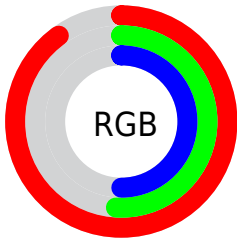
Format	Color
R_{YB}	230, 129, 127
Decimal	15106431
CIE _{Lab}	65.01, 38.54, 18.30
CIE _{LCh}	65, 42.670, 25.400
Yxy	34.0558, 0.4315, 0.3316
Android (android.graphics.Color)	4293296511 (0xFFE6817F)
YUV	158.9710, -15.7617, 62.2924
Hunter-Lab	58.3573, 33.4248, 16.1313

Details

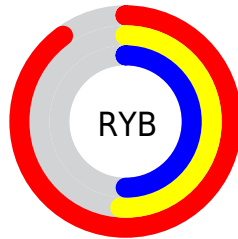
The Yxy color **34.0558, 0.4315, 0.3316** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **65.7338, 0.2522, 0.3264**, and the grayscale version is **34.7118, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.4223, 0.3778, 0.3323**, and **14.5157, 0.4706, 0.3280** is the 20% darker color. If you saturate the color by 10%, you get **28.2225, 0.4746, 0.3321**, and if you desaturate by 10%, it is **41.3415, 0.3947, 0.3310**.

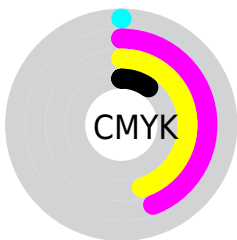
Distribution



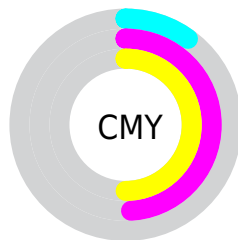
- Red (90%)
- Green (51%)
- Blue (50%)



- Red (90%)
- Yellow (51%)
- Blue (50%)



- Cyan (0%)
- Magenta (44%)
- Yellow (45%)
- Black (10%)




- Cyan (10%)
- Magenta (49%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.0558, 0.4315, 0.3316 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 34.0558, 0.4315, 0.3316 by changing the saturation by 10% instead.


 34.0558, 0.4315,
0.3316


 34.0558, 0.4315,
0.3316

320.3808, 0.3684,
0.3327

 22.9365, 0.4483,
0.3304


 66.0204, 0.4078,
0.3326

 14.5466, 0.4703,
0.3283


 87.6345, 0.3991,
0.3328

 8.5018, 0.5004,
0.3243


 113.5157, 0.3919,
0.3329

 4.4177, 0.5434,
0.3164

144.0482, 0.3858,
0.3329

 1.9098, 0.6141,
0.3021

179.6166, 0.3805,
0.3329

 0.5543, 0.7469,
0.2531

220.6053, 0.3759,


 0.0000, 1.0000,


0.3328


0.0000


267.3985, 0.3720,
0.3328

 0.0000, 0.0000,
0.0000


 34.0558, 0.4315,
0.3316


 34.0558, 0.4315,
0.3316

 28.2225, 0.4746,
0.3321


 41.3415, 0.3947,
0.3310

 23.7396, 0.5219,
0.3323

 50.1622, 0.3645,
0.3304

 20.5003, 0.5686,
0.3323

 60.6007, 0.3401,
0.3298

 18.3795, 0.6075,
0.3318

 72.7320, 0.3206,
0.3292

 17.2257, 0.6318,
0.3309

 86.6269, 0.3050,
0.3287

 16.9178, 0.6390,
0.3308

 95.5626, 0.2976,
0.3290

Harmonies

Analogous

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



34.0558, 0.3820, 0.2847



34.0558, 0.4315, 0.3316



34.0558, 0.4438, 0.3818

Triad

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



34.0558, 0.4315, 0.3316



34.0558, 0.2998, 0.4336



34.0558, 0.2126, 0.2304

Complementary

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



34.0558, 0.4315, 0.3316



65.7338, 0.2522, 0.3264

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.



34.0558, 0.1964, 0.2564



34.0558, 0.4315, 0.3316



34.0558, 0.2425, 0.3767

Square

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



34.0558, 0.4315, 0.3316



34.0558, 0.3640, 0.4501



34.0558, 0.2062, 0.3082



34.0558, 0.2535, 0.2288

Rectangle

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



34.0558, 0.4315, 0.3316



34.0558, 0.4299, 0.4130



34.0558, 0.2062, 0.3082



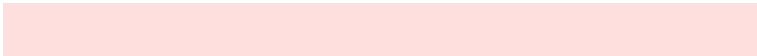
34.0558, 0.2044, 0.2362

Sweetspot

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



34.0575, 0.4315, 0.3316



79.0249, 0.3365, 0.3297



37.6289, 0.3194, 0.2215



16.2318, 0.3413, 0.3298



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.



34.0575, 0.4315, 0.3316



35.9665, 0.4725, 0.3321



51.0935, 0.4030, 0.3897



14.4117, 0.3292, 0.3295



9.5981, 0.6386, 0.3311



0.7249, 0.6346, 0.3344

Inverse Universe

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



65.7338, 0.2522, 0.3264



80.8788, 0.2431, 0.3258



41.5948, 0.2403, 0.2581



16.2867, 0.2982, 0.3285



33.9318, 0.2231, 0.3230



2.5226, 0.2233, 0.3239

Previews

White Background



This preview shows how the Yxy color 34.0558, 0.4315, 0.3316 looks on a white background.

Color Contrast Check

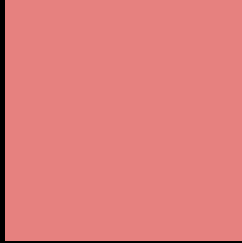
Large Text (above 18pt) WCAG AA × Fail

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 34.0558, 0.4315, 0.3316 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

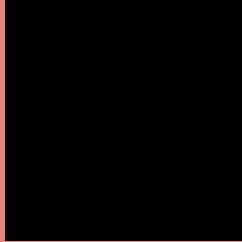
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.0558, 0.4315, 0.3316

Background



This preview shows how black text looks on a background with the Yxy color 34.0558, 0.4315, 0.3316.



This preview shows how white text looks on a background with the Yxy color 34.0558, 0.4315, 0.3316.

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

34.0558, 0.4315, 0.3316

Protanopia

34.3761, 0.3354, 0.3542

Deuteranopia

34.2008, 0.3763, 0.3697



Tritanopia

34.2334, 0.4211, 0.3190

Trichromacy



Original Color

34.0558, 0.4315, 0.3316

Protanomaly

33.4638, 0.3690, 0.3443

Deuteranomaly

33.8193, 0.3963, 0.3555

Tritanomaly

34.1207, 0.4259, 0.3236

Monochromacy



Original Color

34.0558, 0.4315, 0.3316

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

33.6007, 0.3528, 0.3305

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.0558, 0.4315, 0.3316 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, 129, 127)` looks like.

```
.text, #text, p{  
    color:rgb(230, 129, 127)  
}
```

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, 129, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 129, 127) }
```

Border

The CSS property to change the border of an element to Yxy 34.0558, 0.4315, 0.3316 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, 129, 127) }
```

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

```
.border{ border-color:rgb(230, 129, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 129, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 129, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 129, 127);  
box-shadow:4px 4px 4px 4px rgb(230, 129,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 34.0558, 0.4315, 0.3316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 129, 127) }
```

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

```
.background{ background-color: rgb(230,  
129, 127) }
```

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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