

Converting Colors

$Yxy(34.5636, 0.4261, 0.3247)$

Have a look what the booklet for
Yxy(34.5636, 0.4261, 0.3247)
contains.

Yxy(34.5498, 0.4264, 0.3248)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(34.5498, 0.4264, 0.3248)

Conversions

Conversions Part 1

Format	Color
Hex	E88185
RGB	232, 129, 133
RGB Percent	91%, 51%, 52%
CMY	0.0903, 0.4940, 0.4785
CMYK	0.00, 0.44, 0.43, 0.09
HSL	358°, 69%, 71%
HSV	358°, 44%, 91%
XYZ	45.3572, 34.5498, 26.4655
YIQ	160.2530, 60.1040, 23.0800

Conversions

Conversions Part 2

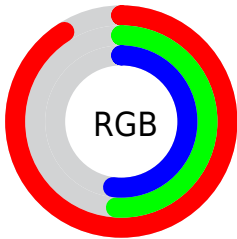
Format	Color
R_{YB}	232, 129, 133
Decimal	15237509
CIE Lab	65.40, 39.88, 15.52
CIE LCh	65, 42.794, 21.269
Yxy	34.5498, 0.4264, 0.3248
Android (android.graphics.Color)	4293427589 (0xFFE88185)
YUV	160.2530, -13.4357, 62.9221
Hunter-Lab	58.7791, 34.8773, 14.4498

Details

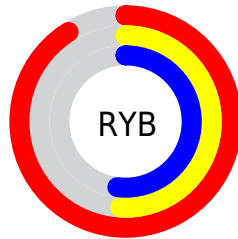
The Yxy color **34.5498, 0.4264, 0.3248** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **67.9722, 0.2549, 0.3337**, and the grayscale version is **35.3208, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.6721, 0.3725, 0.3260**, and **14.8321, 0.4627, 0.3194** is the 20% darker color. If you saturate the color by 10%, you get **28.5648, 0.4683, 0.3242**, and if you desaturate by 10%, it is **42.0563, 0.3909, 0.3257**.

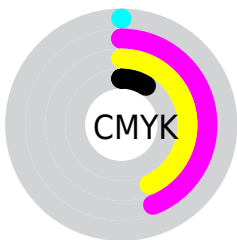
Distribution



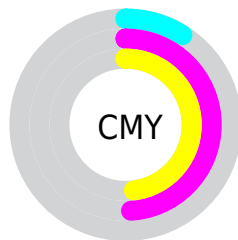
- Red (91%)
- Green (51%)
- Blue (52%)



- Red (91%)
- Yellow (51%)
- Blue (52%)



- Cyan (0%)
- Magenta (44%)
- Yellow (43%)
- Black (9%)



- Cyan (9%)
- Magenta (49%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.5498, 0.4264, 0.3248 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 34.5498, 0.4264, 0.3248 by changing the saturation by 10% instead.

 34.5498, 0.4264,
0.3248


 34.5498, 0.4264,
0.3248


322.5767, 0.3662,
0.3291


 23.3163, 0.4424,
0.3229


 66.7877, 0.4038,
0.3269

 14.8272, 0.4634,
0.3200


 88.5610, 0.3955,
0.3275

 8.6982, 0.4922,
0.3152


 114.6162, 0.3886,
0.3280

 4.5449, 0.5336,
0.3065

145.3379, 0.3827,
0.3283

 1.9828, 0.5976,
0.2897

181.1104, 0.3777,
0.3286

 0.5974, 0.7458,
0.2542

222.3181, 0.3734,

 0.0000, 1.0000,

0.3288

0.0000

269.3454, 0.3696,
0.3289

0.0000, 0.0000,
0.0000

34.5498, 0.4264,
0.3248

34.5498, 0.4264,
0.3248

28.5648, 0.4683,
0.3242

42.0563, 0.3909,
0.3257

23.9926, 0.5147,
0.3240

51.1729, 0.3618,
0.3267

20.7187, 0.5615,
0.3245


61.9875, 0.3384,
0.3277

18.6082, 0.6016,
0.3258

74.5802, 0.3197,
0.3286

17.4969, 0.6285,
0.3277

89.0259, 0.3047,
0.3295

 17.1720, 0.6370,
0.3283

 95.8924, 0.2987,
0.3290

Harmonies

Analogous

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



34.5498, 0.3731, 0.2790



34.5498, 0.4264, 0.3248



34.5498, 0.4443, 0.3749

Triad

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



34.5498, 0.4264, 0.3248



34.5498, 0.3087, 0.4384



34.5498, 0.2091, 0.2326

Complementary

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



34.5498, 0.4264, 0.3248



67.9722, 0.2549, 0.3337

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.



34.5498, 0.1964, 0.2622



34.5498, 0.4264, 0.3248



34.5498, 0.2495, 0.3860

Square

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



34.5498, 0.4264, 0.3248



34.5498, 0.3722, 0.4486



34.5498, 0.2099, 0.3171



34.5498, 0.2466, 0.2279

Rectangle

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



34.5498, 0.4264, 0.3248



34.5498, 0.4339, 0.4068



34.5498, 0.2099, 0.3171



34.5498, 0.2020, 0.2396

Sweetspot

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



34.5516, 0.4264, 0.3248



78.7576, 0.3357, 0.3278



37.8345, 0.3130, 0.2191



16.1671, 0.3403, 0.3276



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.



34.5516, 0.4264, 0.3248



36.1392, 0.4633, 0.3242



49.5351, 0.4057, 0.3818



14.3770, 0.3286, 0.3281



9.5393, 0.6358, 0.3276



0.7081, 0.6241, 0.3212

Inverse Universe

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



34.5516, 0.4264, 0.3248



36.1392, 0.4633, 0.3242



45.4634, 0.2425, 0.2682



14.3770, 0.3286, 0.3281



9.5393, 0.6358, 0.3276



0.7081, 0.6241, 0.3212

Previews

White Background



This preview shows how the Yxy color 34.5498, 0.4264, 0.3248 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 34.5498, 0.4264, 0.3248 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 34.5498, 0.4264, 0.3248

Background



This preview shows how black text looks on a background with the Yxy color 34.5498, 0.4264, 0.3248.



This preview shows how white text looks on a background with the Yxy color 34.5498, 0.4264, 0.3248.

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

34.5498, 0.4264, 0.3248

Protanopia

34.9337, 0.3287, 0.3452

Deuteranopia

34.6817, 0.3697, 0.3626



Tritanopia

34.4291, 0.4209, 0.3179

Trichromacy



Original Color

34.5498, 0.4264, 0.3248

Protanomaly

33.9818, 0.3612, 0.3360

Deuteranomaly

34.1148, 0.3908, 0.3476

Tritanomaly

34.3717, 0.4233, 0.3202

Monochromacy



Original Color

34.5498, 0.4264, 0.3248

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

34.1360, 0.3505, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.5498, 0.4264, 0.3248 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(232, 129, 133)` looks like.

```
.text, #text, p{  
    color:rgb(232, 129, 133)  
}
```

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(232, 129, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 129, 133) }
```

Border

The CSS property to change the border of an element to Yxy 34.5498, 0.4264, 0.3248 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(232, 129, 133) }
```

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

```
.border{ border-color:rgb(232, 129, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 129, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(232, 129, 133); -webkit-box-shadow:4px 4px 4px 4px rgb(232, 129, 133); box-shadow:4px 4px 4px 4px rgb(232, 129, 133) }
```


Background

The CSS property to change the background color of an element to Yxy 34.5498, 0.4264, 0.3248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 129, 133) }
```

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

```
.background{ background-color: rgb(232,  
129, 133) }
```

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