

Converting Colors

$Yxy(34.3016, 0.4340, 0.3479)$

Have a look what the booklet for
Yxy(34.3016, 0.4340, 0.3479)
contains.

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Color

Yxy(34.3658, 0.4340, 0.3481)

Conversions

Conversions Part 1

Format	Color
Hex	E18676
RGB	225, 134, 118
RGB Percent	88%, 53%, 46%
CMY	0.1176, 0.4745, 0.5373
CMYK	0.00, 0.40, 0.48, 0.12
HSL	9°, 64%, 67%
HSV	9°, 48%, 88%
XYZ	42.8462, 34.3658, 21.5119
YIQ	159.3850, 59.3720, 14.3160

Conversions

Conversions Part 2

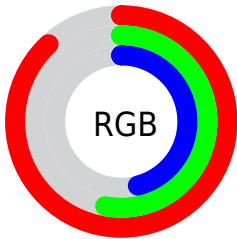
Format	Color
RYB	225, 137, 118
Decimal	14780022
CIELab	65.25, 33.15, 23.60
CIElCh	65, 40.699, 35.449
Yxy	34.3658, 0.4340, 0.3481
Android (android.graphics.Color)	4292970102 (0xFFE18676)
YUV	159.3850, -20.4028, 57.5444
Hunter-Lab	58.6224, 27.8738, 19.2787

Details

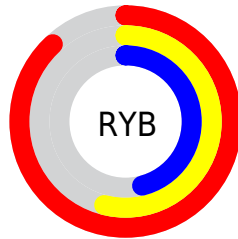
The Yxy color **34.3658, 0.4340, 0.3481** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **54.8814, 0.2460, 0.3079**, and the grayscale version is **34.9323, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.1287, 0.3848, 0.3481**, and **14.7357, 0.4716, 0.3488** is the 20% darker color. If you saturate the color by 10%, you get **29.0756, 0.4740, 0.3511**, and if you desaturate by 10%, it is **40.7438, 0.3991, 0.3442**.

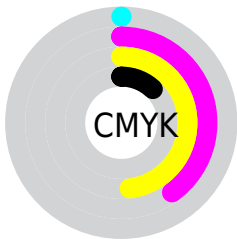
Distribution



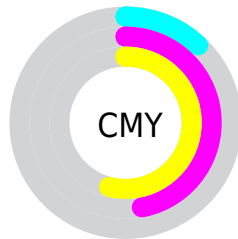
- Red (88%)
- Green (53%)
- Blue (46%)



- Red (88%)
- Yellow (54%)
- Blue (46%)



- Cyan (0%)
- Magenta (40%)
- Yellow (48%)
- Black (12%)





- Cyan (12%)
- Magenta (47%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.3658, 0.4340, 0.3481 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 34.3658, 0.4340, 0.3481 by changing the saturation by 10% instead.


 34.3658, 0.4340,
0.3481


 34.3658, 0.4340,
0.3481


321.7601, 0.3698,
0.3410


 23.1748, 0.4509,
0.3488


 66.5021, 0.4099,
0.3462

 14.7226, 0.4731,
0.3490


 88.2162, 0.4011,
0.3453

 8.6249, 0.5030,
0.3479


 114.2067, 0.3937,
0.3445

 4.4974, 0.5451,
0.3434

144.8581, 0.3875,
0.3436

 1.9555, 0.6265,
0.3407

180.5547, 0.3821,
0.3429

 0.5814, 0.7175,
0.2825

221.6810, 0.3775,


 0.0000, 1.0000,

0.3422


0.0000


268.6213, 0.3734,
0.3416

 0.0000, 0.0000,
0.0000


 34.3658, 0.4340,
0.3481

 34.3658, 0.4340,
0.3481


 29.0756, 0.4740,
0.3511


 40.7438, 0.3991,
0.3442


 24.8072, 0.5173,
0.3524

 48.2606, 0.3697,
0.3400


 21.4953, 0.5601,
0.3514


 56.9698, 0.3453,
0.3358


 19.0649, 0.5969,
0.3475

 66.9206, 0.3254,
0.3318

 17.4279, 0.6225,
0.3413

 78.1591, 0.3090,
0.3281

 17.1330, 0.6274,
0.3400

 90.7290, 0.2956,
0.3247

 94.7476, 0.2946,
0.3289

Harmonies

Analogous

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



34.3658, 0.3974, 0.3011



34.3658, 0.4340, 0.3481



34.3658, 0.4330, 0.3955

Triad

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



34.3658, 0.4340, 0.3481



34.3658, 0.2809, 0.4132



34.3658, 0.2276, 0.2317

Complementary

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



34.3658, 0.4340, 0.3481



54.8814, 0.2460, 0.3079

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.



34.3658, 0.2038, 0.2488



34.3658, 0.4340, 0.3481



34.3658, 0.2315, 0.3523

Square

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



34.3658, 0.4340, 0.3481



34.3658, 0.3419, 0.4434



34.3658, 0.2049, 0.2905



34.3658, 0.2742, 0.2372

Rectangle

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



34.3658, 0.4340, 0.3481



34.3658, 0.4127, 0.4224



34.3658, 0.2049, 0.2905



34.3658, 0.2170, 0.2348

Sweetspot

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



34.3675, 0.4340, 0.3481



80.0477, 0.3380, 0.3344



33.6525, 0.3322, 0.2270



16.5394, 0.3425, 0.3353



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.



34.3675, 0.4340, 0.3481



38.7191, 0.4733, 0.3510



52.3339, 0.4028, 0.4067



14.0299, 0.3288, 0.3326



9.9779, 0.6255, 0.3416



0.7968, 0.5995, 0.3622

Inverse Universe

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



54.8814, 0.2460, 0.3079



68.9307, 0.2356, 0.3028



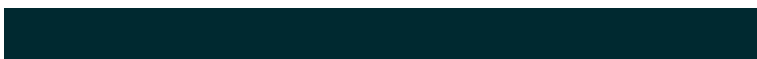
33.4787, 0.2325, 0.2348



15.2045, 0.2982, 0.3254



24.8236, 0.2114, 0.2809



1.8168, 0.2136, 0.2891

Previews

White Background



This preview shows how the Yxy color 34.3658, 0.4340, 0.3481 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 34.3658, 0.4340, 0.3481 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 34.3658, 0.4340, 0.3481

Background



This preview shows how black text looks on a background with the Yxy color 34.3658, 0.4340, 0.3481.



This preview shows how white text looks on a background with the Yxy color 34.3658, 0.4340, 0.3481.

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

34.3658, 0.4340, 0.3481

Protanopia

34.7061, 0.3497, 0.3733

Deuteranopia

34.3856, 0.3876, 0.3801



Tritanopia

34.4569, 0.4119, 0.3187

Trichromacy



Original Color

34.3658, 0.4340, 0.3481

Protanomaly

34.1122, 0.3794, 0.3636

Deuteranomaly

33.9293, 0.4044, 0.3672

Tritanomaly

34.3372, 0.4199, 0.3293

Monochromacy



Original Color

34.3658, 0.4340, 0.3481

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

33.8936, 0.3532, 0.3375

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.3658, 0.4340, 0.3481 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(225, 134, 118)` looks like.

```
.text, #text, p{  
    color:rgb(225, 134, 118)  
}
```

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(225, 134, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 134, 118) }
```

Border

The CSS property to change the border of an element to Yxy 34.3658, 0.4340, 0.3481 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(225, 134, 118) }
```

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

```
.border{ border-color:rgb(225, 134, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 134, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 134, 118); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 134, 118); box-shadow:4px 4px 4px 4px rgb(225, 134, 118) }
```


Background

The CSS property to change the background color of an element to Yxy 34.3658, 0.4340, 0.3481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 134, 118) }
```

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

```
.background{ background-color: rgb(225,  
134, 118) }
```

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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