

Converting Colors

$Y_{xy}(38.1230, 0.4350, 0.3326)$

Have a look what the booklet for
Yxy(38.1230, 0.4350, 0.3326)
contains.

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Color

Yxy(38.0486, 0.4353, 0.3326)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | F38784 |
| RGB | 243, 135, 132 |
| RGB Percent | 95%, 53%, 52% |
| CMY | 0.0470, 0.4706, 0.4823 |
| CMYK | 0.00, 0.44, 0.46, 0.05 |
| HSL | 2°, 82%, 74% |
| HSV | 2°, 46%, 95% |
| XYZ | 49.7972, 38.0486, 26.5517 |
| YIQ | 166.9500, 65.3310, 21.9630 |

Conversions

Conversions Part 2

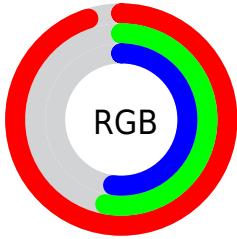
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 243, 135, 132 |
| Decimal | 15959940 |
| CIE Lab | 68.06, 40.77, 19.97 |
| CIE LCh | 68, 45.399, 26.101 |
| Yxy | 38.0486, 0.4353, 0.3326 |
| Android (android.graphics.Color) | 4294150020 (0xFFFF38784) |
| YUV | 166.9500, -17.2303, 66.6959 |
| Hunter-Lab | 61.6835, 36.1571, 17.6571 |

Details

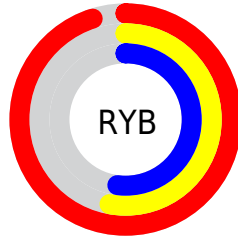
The Yxy color **38.0486, 0.4353, 0.3326** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **73.7214, 0.2509, 0.3253**, and the grayscale version is **38.6803, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.5897, 0.3714, 0.3344**, and **16.8783, 0.4721, 0.3295** is the 20% darker color. If you saturate the color by 10%, you get **31.5790, 0.4789, 0.3332**, and if you desaturate by 10%, it is **46.1425, 0.3979, 0.3318**.

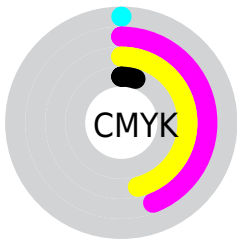
Distribution



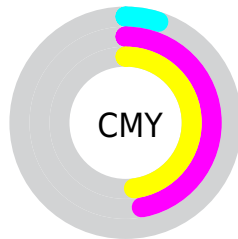
- Red (95%)
- Green (53%)
- Blue (52%)



- Red (95%)
- Yellow (53%)
- Blue (52%)



- Cyan (0%)
- Magenta (44%)
- Yellow (46%)
- Black (5%)





- Cyan (5%)
- Magenta (47%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.0486, 0.4353, 0.3326 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 38.0486, 0.4353, 0.3326 by changing the saturation by 10% instead.

 38.0486, 0.4353,
0.3326

 38.0486, 0.4353,
0.3326


337.8284, 0.3714,
0.3334


 26.0204, 0.4519,
0.3315


 72.1826, 0.4116,
0.3335

 16.8389, 0.4734,
0.3295


 95.0572, 0.4028,
0.3337

 10.1197, 0.5022,
0.3257


 122.3161, 0.3954,
0.3337

 5.4784, 0.5426,
0.3185

154.3437, 0.3892,
0.3337

 2.5306, 0.6025,
0.3039

191.5243, 0.3838,
0.3337

 0.8919, 0.7199,
0.2801

234.2424, 0.3791,


 0.0000, 1.0000,


0.3336


0.0000


282.8823, 0.3750,
0.3335


 0.0000, 0.0000,
0.0000


 38.0486, 0.4353,
0.3326


 38.0486, 0.4353,
0.3326


 31.5790, 0.4789,
0.3332

 46.1425, 0.3979,
0.3318


 26.6188, 0.5263,
0.3335


 55.9537, 0.3671,
0.3310


 23.0474, 0.5726,
0.3333


 67.5755, 0.3422,
0.3302

 20.7233, 0.6103,
0.3324

 81.0924, 0.3222,
0.3294

 19.4748, 0.6331,
0.3312

 96.5839, 0.3062,
0.3287

 19.2005, 0.6387,
0.3311

 97.7987, 0.3054,
0.3290

Harmonies

Analogous

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



38.0486, 0.3852, 0.2846



38.0486, 0.4353, 0.3326



38.0486, 0.4468, 0.3838

Triad

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



38.0486, 0.4353, 0.3326



38.0486, 0.2978, 0.4356



38.0486, 0.2111, 0.2279

Complementary

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



38.0486, 0.4353, 0.3326



73.7214, 0.2509, 0.3253

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.



38.0486, 0.1940, 0.2536



38.0486, 0.4353, 0.3326



38.0486, 0.2396, 0.3763

Square

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



38.0486, 0.4353, 0.3326



38.0486, 0.3635, 0.4533



38.0486, 0.2033, 0.3060



38.0486, 0.2533, 0.2269

Rectangle

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



38.0486, 0.4353, 0.3326



38.0486, 0.4318, 0.4157



38.0486, 0.2033, 0.3060



38.0486, 0.2025, 0.2335

Sweetspot

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



38.0505, 0.4353, 0.3326



77.7131, 0.3386, 0.3300



41.9245, 0.3196, 0.2192



15.9798, 0.3434, 0.3302



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.



38.0505, 0.4353, 0.3326



35.5718, 0.4764, 0.3332



57.2775, 0.4057, 0.3911



16.5538, 0.3293, 0.3297



10.5665, 0.6381, 0.3315



0.9534, 0.6333, 0.3354

Inverse Universe

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



73.7214, 0.2509, 0.3253



79.9860, 0.2420, 0.3244



46.3554, 0.2386, 0.2561



18.6769, 0.2981, 0.3283



36.6587, 0.2224, 0.3205



3.2457, 0.2227, 0.3216

Previews

White Background



This preview shows how the Yxy color 38.0486, 0.4353, 0.3326 looks on a white background.

Color Contrast Check

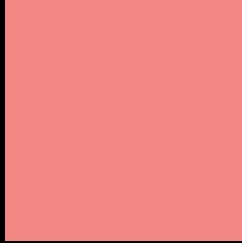
Large Text (above 18pt) WCAG AA × Fail

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 38.0486, 0.4353, 0.3326 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

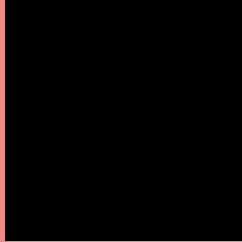
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.0486, 0.4353, 0.3326

Background



This preview shows how black text looks on a background with the Yxy color 38.0486, 0.4353, 0.3326.



This preview shows how white text looks on a background with the Yxy color 38.0486, 0.4353, 0.3326.

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

38.0486, 0.4353, 0.3326

Protanopia

38.3777, 0.3372, 0.3559

Deuteranopia

38.3022, 0.3782, 0.3717



Tritanopia

37.9913, 0.4246, 0.3185

Trichromacy



Original Color

38.0486, 0.4353, 0.3326

Protanomaly

37.5378, 0.3704, 0.3462

Deuteranomaly

37.7152, 0.3990, 0.3567

Tritanomaly

38.1474, 0.4288, 0.3239

Monochromacy



Original Color

38.0486, 0.4353, 0.3326

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

37.3779, 0.3542, 0.3304

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.0486, 0.4353, 0.3326 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(243, 135, 132)` looks like.

```
.text, #text, p{  
    color:rgb(243, 135, 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(243, 135, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 135, 132) }
```

Border

The CSS property to change the border of an element to Yxy 38.0486, 0.4353, 0.3326 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(243, 135, 132) }
```

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

```
.border{ border-color:rgb(243, 135, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 135, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(243, 135, 132); -webkit-box-shadow:4px 4px 4px 4px rgb(243, 135, 132); box-shadow:4px 4px 4px 4px rgb(243, 135, 132) }
```


Background

The CSS property to change the background color of an element to Yxy 38.0486, 0.4353, 0.3326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 135, 132) }
```

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

```
.background{ background-color: rgb(243,  
135, 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](#).

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