

Converting Colors

$Y_{xy}(89.1666, 0.3196, 0.3297)$

Have a look what the booklet for
Yxy(89.1666, 0.3196, 0.3297)
contains.

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Color

Yxy(88.9354, 0.3193, 0.3290)

Conversions

Conversions Part 1

Format	Color
Hex	FAF0F0
RGB	250, 240, 240
RGB Percent	98%, 94%, 94%
CMY	0.0196, 0.0588, 0.0587
CMYK	0.00, 0.04, 0.04, 0.02
HSL	360°, 50%, 96%
HSV	360°, 4%, 98%
XYZ	86.3133, 88.9354, 95.0717
YIQ	242.9900, 5.9600, 2.1200

Conversions

Conversions Part 2

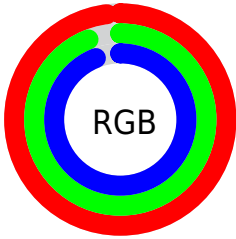
Format	Color
R_{YB}	250, 240, 240
Decimal	16445680
CIE Lab	95.55, 3.36, 1.17
CIE LCh	96, 3.557, 19.290
Yxy	88.9354, 0.3193, 0.3290
Android (android.graphics.Color)	4294635760 (0xFFFAF0F0)
YUV	242.9900, -1.4741, 6.1478
Hunter-Lab	94.3056, -1.6624, 6.2422

Details

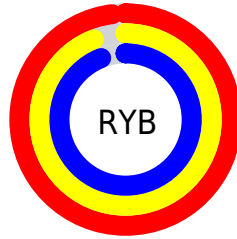
The Yxy color 88.9354, 0.3193, 0.3290 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 93.7949, 0.3065, 0.3290, and the grayscale version is 89.6306, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 49.2110, 0.3212, 0.3290 is the 20% darker color. If you saturate the color by 10%, you get 73.8368, 0.3387, 0.3290, and if you desaturate by 10%, it is 99.0630, 0.3096, 0.3290.

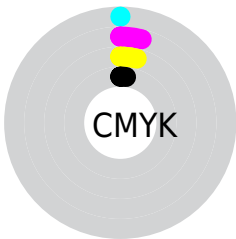
Distribution



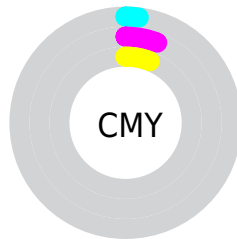
- Red (98%)
- Green (94%)
- Blue (94%)



- Red (98%)
- Yellow (94%)
- Blue (94%)



- Cyan (0%)
- Magenta (4%)
- Yellow (4%)
- Black (2%)




- Cyan (2%)
- Magenta (6%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 88.9354, 0.3193, 0.3290 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 88.9354, 0.3193, 0.3290 by changing the saturation by 10% instead.


 88.9354, 0.3193,
0.3290

 88.9354, 0.3193,
0.3290

524.5616, 0.3164,
0.3290

 67.0980, 0.3199,
0.3290


145.8587, 0.3183,
0.3290

 49.1643, 0.3207,
0.3290


181.7135, 0.3179,
0.3290

 34.7498, 0.3217,
0.3290


223.0094, 0.3176,
0.3290

 23.4702, 0.3230,
0.3290

270.1310, 0.3173,
0.3290

 14.9411, 0.3247,
0.3289

323.4627, 0.3170,
0.3290

 8.7781, 0.3270,
0.3289

383.3887, 0.3168,

 4.5967, 0.3305,

0.3290

0.3288

450.2936, 0.3166,
0.3290

■ 2.0126, 0.3361,
0.3287

■ 0.6148, 0.3566,
0.3291

■ 88.9354, 0.3193,
0.3290

■ 88.9354, 0.3193,
0.3290

■ 73.8368, 0.3387,
0.3290

■ 99.0630, 0.3096,
0.3290

■ 60.8754, 0.3629,
0.3290

■ 49.9581, 0.3932,
0.3291

■ 40.9807, 0.4301,
0.3291

■ 33.8297, 0.4736,
0.3292

■ 28.3799, 0.5215,
0.3294

■ 24.4901, 0.5689,
0.3295

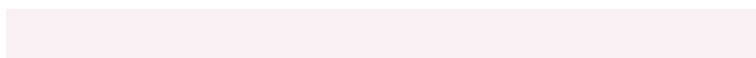
■ 21.9970, 0.6081,
0.3297

■ 20.7006, 0.6323,
0.3299

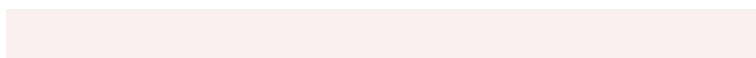
Harmonies

Analogous

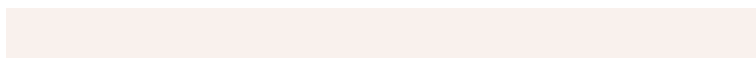
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.9354, 0.3163, 0.3256



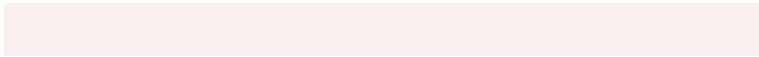
88.9354, 0.3193, 0.3290



88.9354, 0.3206, 0.3324

Triad

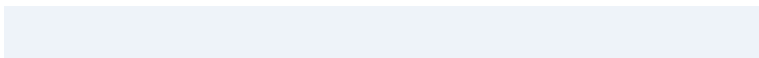
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.9354, 0.3193, 0.3290



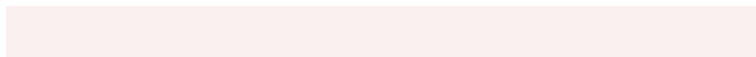
88.9354, 0.3131, 0.3351



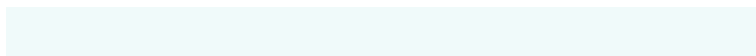
88.9354, 0.3058, 0.3230

Complementary

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



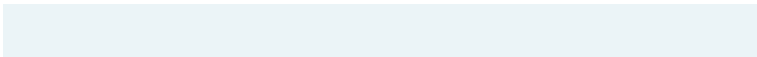
88.9354, 0.3193, 0.3290



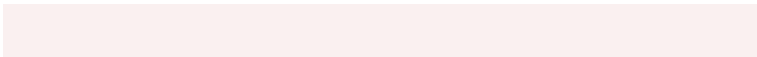
93.7949, 0.3065, 0.3290

Split Complementary

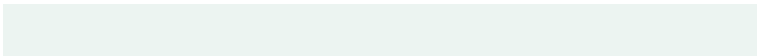
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.9354, 0.3049, 0.3255



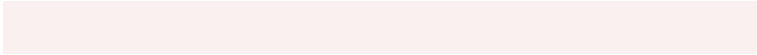
88.9354, 0.3193, 0.3290



88.9354, 0.3092, 0.3325

Square

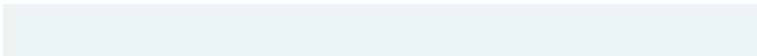
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.9354, 0.3193, 0.3290



88.9354, 0.3170, 0.3360



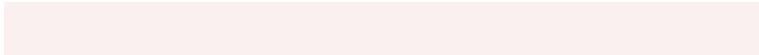
88.9354, 0.3062, 0.3290



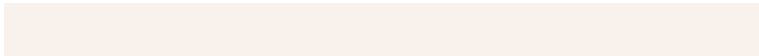
88.9354, 0.3084, 0.3221

Rectangle

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



88.9354, 0.3193, 0.3290



88.9354, 0.3203, 0.3343



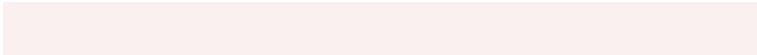
88.9354, 0.3062, 0.3290



88.9354, 0.3053, 0.3237

Sweetspot

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



88.9393, 0.3193, 0.3290



98.2209, 0.3143, 0.3290



89.5177, 0.3131, 0.3193



21.0421, 0.3142, 0.3290



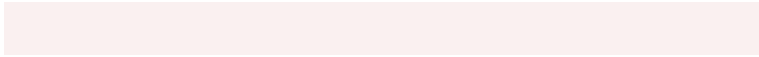
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.9393, 0.3193, 0.3290



91.3403, 0.3211, 0.3290



91.8189, 0.3190, 0.3337



18.4800, 0.3223, 0.3290



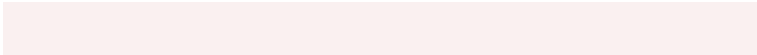
10.7812, 0.6399, 0.3299



0.9987, 0.6395, 0.3296

Inverse Universe

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



88.9393, 0.3193, 0.3290



91.3403, 0.3211, 0.3290



90.8338, 0.3066, 0.3242



18.4800, 0.3223, 0.3290



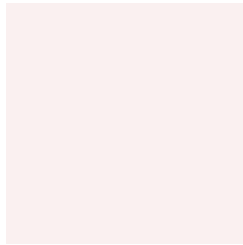
10.7812, 0.6399, 0.3299



0.9987, 0.6395, 0.3296

Previews

White Background



This preview shows how the Yxy color 88.9354, 0.3193, 0.3290 looks on a white background.

Color Contrast Check

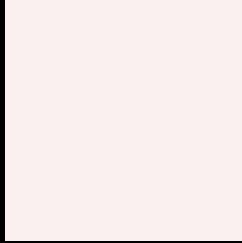
Large Text (above 18pt) WCAG AA × Fail

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 88.9354, 0.3193, 0.3290 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

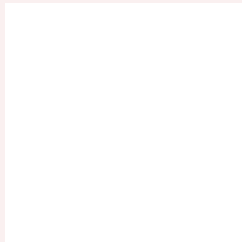
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.9354, 0.3193, 0.3290

Background



This preview shows how black text looks on a background with the Yxy color 88.9354, 0.3193, 0.3290.

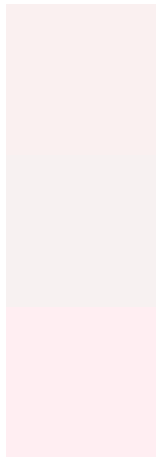


This preview shows how white text looks on a background with the Yxy color 88.9354, 0.3193, 0.3290.

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

88.9354, 0.3193, 0.3290

Protanopia

89.0356, 0.3167, 0.3290

Deuteranopia

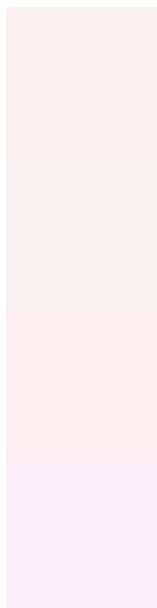
88.8199, 0.3216, 0.3251



Tritanopia

89.0645, 0.3115, 0.3126

Trichromacy



Original Color

88.9354, 0.3193, 0.3290

Protanomaly

89.2179, 0.3173, 0.3290

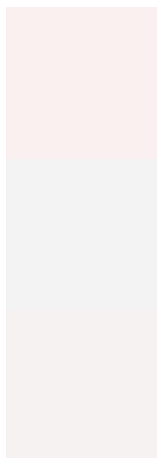
Deuteranomaly

88.9665, 0.3208, 0.3271

Tritanomaly

89.1444, 0.3139, 0.3183

Monochromacy



Original Color

88.9354, 0.3193, 0.3290

Achromatopsia

89.6269, 0.3127, 0.3290

Achromatomaly

89.5079, 0.3153, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.9354, 0.3193, 0.3290 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(250, 240, 240)` looks like.

```
.text, #text, p{  
    color:rgb(250, 240, 240)  
}
```

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(250, 240, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 240, 240) }
```

Border

The CSS property to change the border of an element to Yxy 88.9354, 0.3193, 0.3290 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(250, 240, 240) }
```

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

```
.border{ border-color:rgb(250, 240, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 240, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 240, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 240, 240);  
box-shadow:4px 4px 4px 4px rgb(250, 240,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 88.9354, 0.3193, 0.3290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 240, 240) }
```

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

```
.background{ background-color: rgb(250,  
240, 240) }
```

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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