

Converting Colors

Yxy(88.9149, 0.3190, 0.3360)

Have a look what the booklet for
Yxy(88.9149, 0.3190, 0.3360)
contains.

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Color

Yxy(88.9149, 0.3190, 0.3360)

Conversions

Conversions Part 1

Format	Color
Hex	F5F2EB
RGB	245, 242, 235
RGB Percent	96%, 95%, 92%
CMY	0.0390, 0.0510, 0.0785
CMYK	0.00, 0.01, 0.04, 0.04
HSL	42°, 34%, 94%
HSV	42°, 4%, 96%
XYZ	84.4162, 88.9149, 91.2965
YIQ	242.0990, 4.0350, -1.5410

Conversions

Conversions Part 2

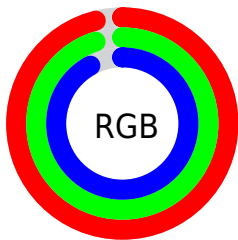
Format	Color
R _Y B	239, 245, 235
Decimal	16118507
CIE Lab	95.54, -0.18, 3.72
CIE LCh	96, 3.729, 92.762
Yxy	88.9149, 0.3190, 0.3360
Android (android.graphics.Color)	4294308587 (0xFFFF5F2EB)
YUV	242.0990, -3.4998, 2.5442
Hunter-Lab	94.2947, -5.2157, 8.6014

Details

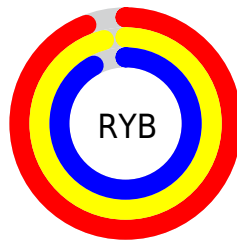
The Yxy color **88.9149, 0.3190, 0.3360** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **85.4341, 0.3065, 0.3219**, and the grayscale version is **88.9089, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.1913, 0.3207, 0.3380** is the 20% darker color. If you saturate the color by 10%, you get **83.2475, 0.3354, 0.3537**, and if you desaturate by 10%, it is **94.6738, 0.3067, 0.3236**.

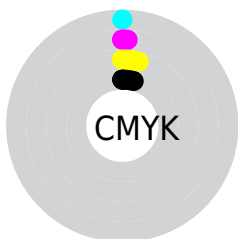
Distribution



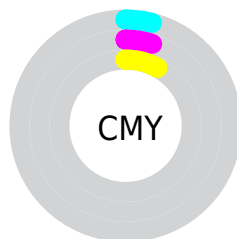
- Red (96%)
- Green (95%)
- Blue (92%)



- Red (94%)
- Yellow (96%)
- Blue (92%)



- Cyan (0%)
- Magenta (1%)
- Yellow (4%)
- Black (4%)




- Cyan (4%)
- Magenta (5%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.9149, 0.3190, 0.3360 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 88.9149, 0.3190, 0.3360 by changing the saturation by 10% instead.


 88.9149, 0.3190,
0.3360

 88.9149, 0.3190,
0.3360

524.4947, 0.3162,
0.3329

 67.0810, 0.3196,
0.3367

145.8302, 0.3180,
0.3349

 49.1505, 0.3204,
0.3375

181.6805, 0.3177,
0.3345

 34.7389, 0.3213,
0.3386


222.9716, 0.3173,
0.3342

 23.4618, 0.3225,
0.3399

270.0880, 0.3171,
0.3338

 14.9349, 0.3241,
0.3417

323.4142, 0.3168,
0.3336

 8.7737, 0.3263,
0.3441

383.3344, 0.3166,

 4.5939, 0.3296,

0.3333

0.3478

450.2331, 0.3164,
0.3331

■ 2.0110, 0.3349,
0.3538

■ 0.6138, 0.3617,
0.3834

■ 88.9149, 0.3190,
0.3360

■ 88.9149, 0.3190,
0.3360

■ 83.2475, 0.3354,
0.3537

■ 94.6738, 0.3067,
0.3236

■ 77.9425, 0.3533,
0.3720

■ 98.1629, 0.3066,
0.3290

■ 72.9932, 0.3724,
0.3904

■ 68.3881, 0.3926,
0.4082

■ 64.1152, 0.4130,
0.4245

■ 60.1611, 0.4330,
0.4381

■ 56.5113, 0.4515,
0.4480

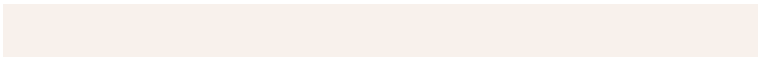
■ 53.1489, 0.4676,
0.4532

■ 50.0540, 0.4806,
0.4534

Harmonies

Analogous

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



88.9149, 0.3208, 0.3340



88.9149, 0.3190, 0.3360



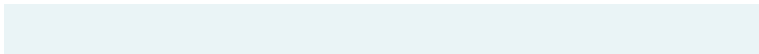
88.9149, 0.3155, 0.3361

Triad

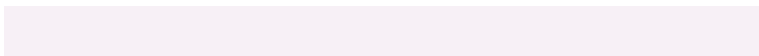
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.9149, 0.3190, 0.3360



88.9149, 0.3050, 0.3273



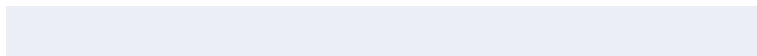
88.9149, 0.3142, 0.3238

Complementary

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



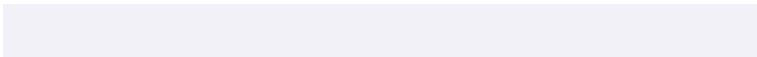
88.9149, 0.3190, 0.3360



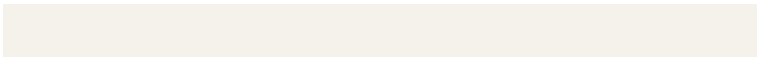
85.4341, 0.3065, 0.3219

Split Complementary

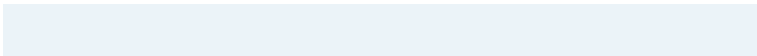
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.9149, 0.3099, 0.3220



88.9149, 0.3190, 0.3360



88.9149, 0.3047, 0.3240

Square

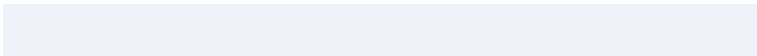
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



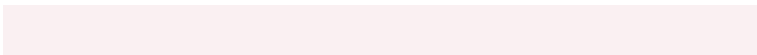
88.9149, 0.3190, 0.3360



88.9149, 0.3074, 0.3311



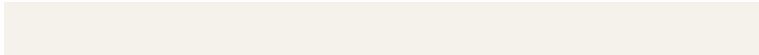
88.9149, 0.3065, 0.3221



88.9149, 0.3180, 0.3270

Rectangle

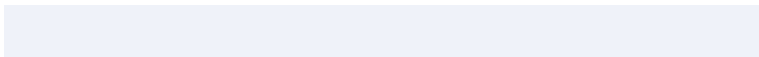
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



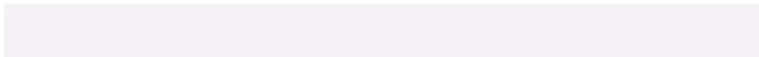
88.9149, 0.3190, 0.3360



88.9149, 0.3127, 0.3351



88.9149, 0.3065, 0.3221



88.9149, 0.3127, 0.3230

Sweetspot

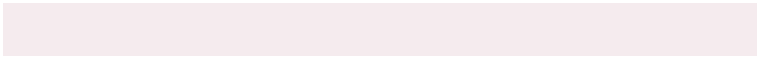
The Sweet Spot groups the original color and five complimentary colors.



88.9188, 0.3190, 0.3360



99.3425, 0.3142, 0.3307



85.0134, 0.3175, 0.3258



21.2703, 0.3141, 0.3306



0.0000, 0.0000, 0.0000



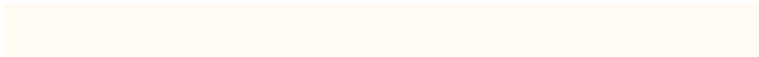
21.4041, 0.3127, 0.3290

Same Dimension

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



88.9188, 0.3190, 0.3360



96.7540, 0.3204, 0.3376



90.4292, 0.3176, 0.3391



18.8784, 0.3215, 0.3387



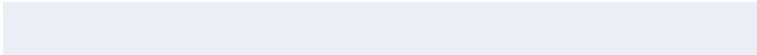
26.2838, 0.4856, 0.4526



2.4908, 0.4753, 0.4608

Inverse Universe

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



85.4341, 0.3065, 0.3219



92.1333, 0.3051, 0.3203



83.9787, 0.3077, 0.3188



17.8544, 0.3040, 0.3191



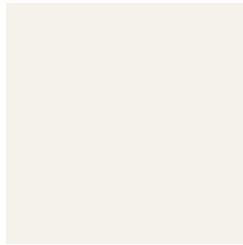
6.4458, 0.1613, 0.1007



0.7401, 0.1681, 0.1251

Previews

White Background



This preview shows how the Yxy color 88.9149, 0.3190, 0.3360 looks on a white background.

Color Contrast Check

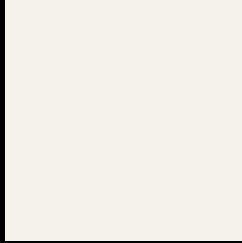
Large Text (above 18pt) WCAG AA × Fail

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 88.9149, 0.3190, 0.3360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

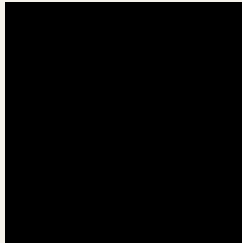
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

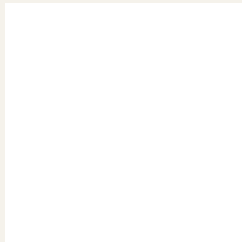
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.9149, 0.3190, 0.3360

Background



This preview shows how black text looks on a background with the Yxy color 88.9149, 0.3190, 0.3360.

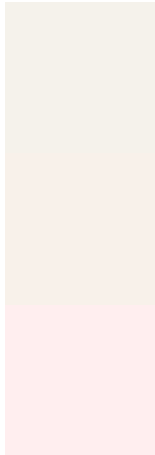


This preview shows how white text looks on a background with the Yxy color 88.9149, 0.3190, 0.3360.

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

88.9149, 0.3190, 0.3360

Protanopia

88.8076, 0.3216, 0.3360

Deuteranopia

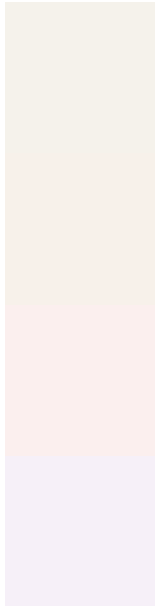
88.6411, 0.3234, 0.3281



Tritanopia

88.7272, 0.3082, 0.3134

Trichromacy



Original Color

88.9149, 0.3190, 0.3360

Protanomaly

88.6253, 0.3210, 0.3360

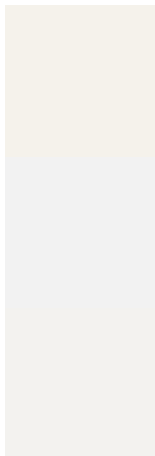
Deuteranomaly

88.4153, 0.3213, 0.3300

Tritanomaly

88.6903, 0.3118, 0.3211

Monochromacy



Original Color

88.9149, 0.3190, 0.3360

Achromatopsia

88.7923, 0.3127, 0.3290

Achromatomaly

88.7909, 0.3152, 0.3320

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.9149, 0.3190, 0.3360 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(245, 242, 235)` looks like.

```
.text, #text, p{  
    color:rgb(245, 242, 235)  
}
```

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(245, 242, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 242, 235) }
```

Border

The CSS property to change the border of an element to Yxy 88.9149, 0.3190, 0.3360 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(245, 242, 235) }
```

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

```
.border{ border-color:rgb(245, 242, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 242, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 242, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 242, 235);  
box-shadow:4px 4px 4px 4px rgb(245, 242,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 88.9149, 0.3190, 0.3360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 242, 235) }
```

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

```
.background{ background-color: rgb(245,  
242, 235) }
```

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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