

Converting Colors

$Yxy(90.7205, 0.3193, 0.3399)$

Have a look what the booklet for
Yxy(90.7205, 0.3193, 0.3399)
contains.

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Color

Yxy(90.6578, 0.3193, 0.3400)

Conversions

Conversions Part 1

Format	Color
Hex	F5F5EA
RGB	245, 245, 234
RGB Percent	96%, 96%, 92%
CMY	0.0395, 0.0391, 0.0824
CMYK	0.00, 0.00, 0.05, 0.04
HSL	61°, 36%, 94%
HSV	61°, 5%, 96%
XYZ	85.1383, 90.6578, 90.8444
YIQ	243.7460, 3.5310, -3.4210

Conversions

Conversions Part 2

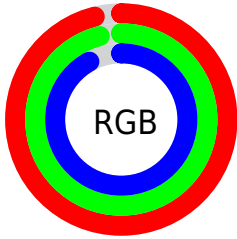
Format	Color
R _Y B	234, 245, 234
Decimal	16119274
CIE Lab	96.27, -1.93, 5.28
CIE LCh	96, 5.628, 110.103
Yxy	90.6578, 0.3193, 0.3400
Android (android.graphics.Color)	4294309354 (0xFF5F5EA)
YUV	243.7460, -4.8048, 1.0998
Hunter-Lab	95.2144, -7.0149, 10.0812

Details

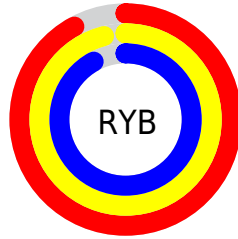
The Yxy color 90.6578, 0.3193, 0.3400 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 82.9432, 0.3060, 0.3178, and the grayscale version is 90.2842, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 50.4284, 0.3212, 0.3430 is the 20% darker color. If you saturate the color by 10%, you get 89.3068, 0.3343, 0.3650, and if you desaturate by 10%, it is 91.9844, 0.3069, 0.3193.

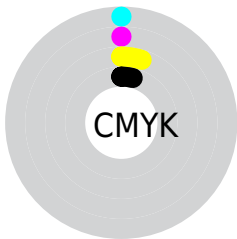
Distribution



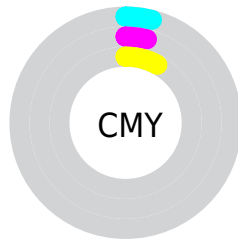
- Red (96%)
- Green (96%)
- Blue (92%)



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



- Cyan (0%)
- Magenta (0%)
- Yellow (5%)
- Black (4%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 90.6578, 0.3193, 0.3400 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 90.6578, 0.3193, 0.3400 by changing the saturation by 10% instead.

90.6578, 0.3193,
0.3400

90.6578, 0.3193,
0.3400

530.1683, 0.3164,
0.3351

68.5263, 0.3199,
0.3411

148.2518, 0.3183,
0.3383

50.3261, 0.3207,
0.3424

184.4831, 0.3179,
0.3377

35.6725, 0.3217,
0.3440

226.1831, 0.3176,
0.3371

24.1814, 0.3229,
0.3461

273.7363, 0.3173,
0.3366

15.4682, 0.3245,
0.3489

327.5270, 0.3170,
0.3362

9.1487, 0.3268,
0.3528

387.9397, 0.3168,

4.8383, 0.3300,

0.3358

0.3585

455.3586, 0.3166,
0.3354

■ 2.1527, 0.3353,
0.3679

■ 0.6940, 0.3618,
0.4100

■ 90.6578, 0.3193,
0.3400

■ 90.6578, 0.3193,
0.3400

■ 89.3068, 0.3343,
0.3650

■ 91.9844, 0.3069,
0.3193

■ 88.1388, 0.3494,
0.3904

■ 92.0271, 0.3071,
0.3193


■ 87.1492, 0.3642,
0.4153

■ 92.0698, 0.3072,
0.3193


■ 86.3288, 0.3781,
0.4388

■ 92.1126, 0.3074,
0.3193

 85.6676, 0.3906,
0.4598

 92.1555, 0.3075,
0.3193

 85.1548, 0.4010,
0.4775


 92.1984, 0.3077,
0.3193

 84.7779, 0.4089,
0.4911

 92.2414, 0.3078,
0.3193

 84.5224, 0.4142,
0.5002

 92.2844, 0.3080,
0.3193

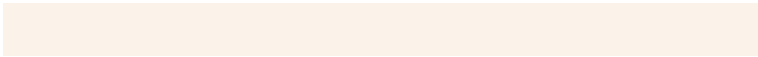
 84.3708, 0.4169,
0.5052

 92.3274, 0.3081,
0.3193

Harmonies

Analogous

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



90.6578, 0.3237, 0.3385



90.6578, 0.3193, 0.3400



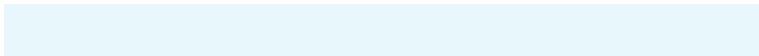
90.6578, 0.3132, 0.3385

Triad

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



90.6578, 0.3193, 0.3400



90.6578, 0.3005, 0.3233



90.6578, 0.3184, 0.3238

Complementary

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



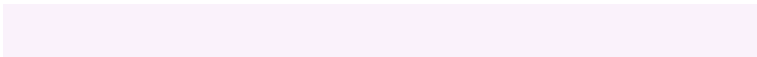
90.6578, 0.3193, 0.3400



82.9432, 0.3060, 0.3178

Split Complementary

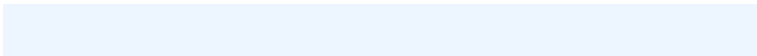
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.6578, 0.3122, 0.3198



90.6578, 0.3193, 0.3400



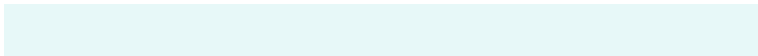
90.6578, 0.3019, 0.3195

Square

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



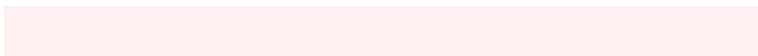
90.6578, 0.3193, 0.3400



90.6578, 0.3024, 0.3288



90.6578, 0.3061, 0.3182



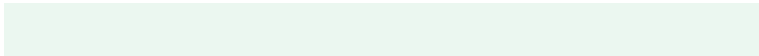
90.6578, 0.3232, 0.3291

Rectangle

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



90.6578, 0.3193, 0.3400



90.6578, 0.3090, 0.3360



90.6578, 0.3061, 0.3182



90.6578, 0.3164, 0.3222

Sweetspot

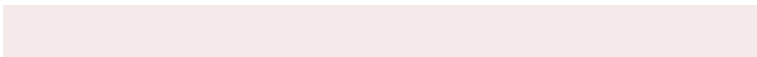
The Sweet Spot groups the original color and five complimentary colors.



90.6617, 0.3193, 0.3400



99.8322, 0.3142, 0.3314



84.1978, 0.3202, 0.3290



21.3700, 0.3141, 0.3313



0.0000, 0.0000, 0.0000



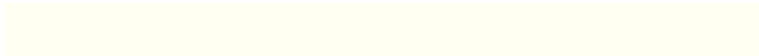
21.4041, 0.3127, 0.3290

Same Dimension

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



90.6617, 0.3193, 0.3400



99.1825, 0.3200, 0.3412



89.7027, 0.3158, 0.3401



19.4182, 0.3211, 0.3429



45.4147, 0.4176, 0.5066



3.9941, 0.4179, 0.5064

Inverse Universe

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



82.9432, 0.3060, 0.3178



89.8166, 0.3052, 0.3165



83.8740, 0.3096, 0.3179



17.3428, 0.3041, 0.3147



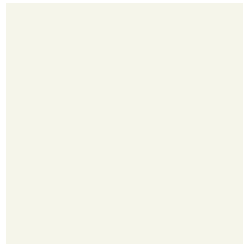
3.5632, 0.1503, 0.0602



0.3158, 0.1511, 0.0606

Previews

White Background



This preview shows how the Yxy color 90.6578, 0.3193, 0.3400 looks on a white background.

Color Contrast Check

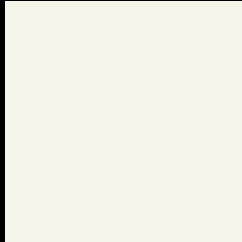
Large Text (above 18pt) WCAG AA × Fail

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 90.6578, 0.3193, 0.3400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

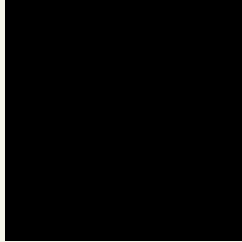
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

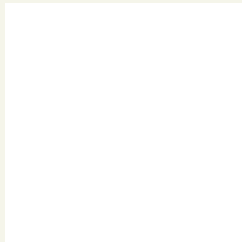
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 90.6578, 0.3193, 0.3400

Background



This preview shows how black text looks on a background with the Yxy color 90.6578, 0.3193, 0.3400.

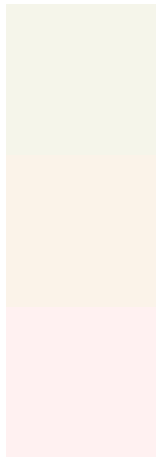


This preview shows how white text looks on a background with the Yxy color 90.6578, 0.3193, 0.3400.

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

90.6578, 0.3193, 0.3400

Protanopia

90.4936, 0.3241, 0.3389

Deuteranopia

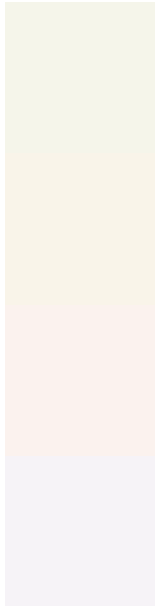
90.5215, 0.3219, 0.3290



Tritanopia

90.4984, 0.3082, 0.3163

Trichromacy



Original Color

90.6578, 0.3193, 0.3400

Protanomaly

90.7243, 0.3227, 0.3399

Deuteranomaly

90.1865, 0.3211, 0.3330

Tritanomaly

90.4094, 0.3123, 0.3251

Monochromacy



Original Color

90.6578, 0.3193, 0.3400

Achromatopsia

90.4661, 0.3127, 0.3290

Achromatomaly

90.2257, 0.3151, 0.3330

CSS Examples

Text

The CSS property to change the color of the text to Yxy 90.6578, 0.3193, 0.3400 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, 245, 234)` looks like.

```
.text, #text, p{  
    color:rgb(245, 245, 234)  
}
```

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, 245, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 245, 234) }
```

Border

The CSS property to change the border of an element to Yxy 90.6578, 0.3193, 0.3400 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, 245, 234) }
```

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

```
.border{ border-color:rgb(245, 245, 234) }
```

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

Here you see how a box with a 4 pixel rgb(245, 245, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 245, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 245, 234);  
box-shadow:4px 4px 4px 4px rgb(245, 245,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 90.6578, 0.3193, 0.3400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 245, 234) }
```

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

```
.background{ background-color: rgb(245,  
245, 234) }
```

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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