

Converting Colors

$Yxy(90.2537, 0.3178, 0.3340)$

Have a look what the booklet for
Yxy(90.2537, 0.3178, 0.3340)
contains.

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Color

Yxy(90.0484, 0.3184, 0.3340)

Conversions

Conversions Part 1

Format	Color
Hex	F7F3EE
RGB	247, 243, 238
RGB Percent	97%, 95%, 93%
CMY	0.0313, 0.0470, 0.0668
CMYK	0.00, 0.02, 0.04, 0.03
HSL	33°, 36%, 95%
HSV	33°, 4%, 97%
XYZ	85.8425, 90.0484, 93.7150
YIQ	243.6260, 3.9890, -0.7070

Conversions

Conversions Part 2

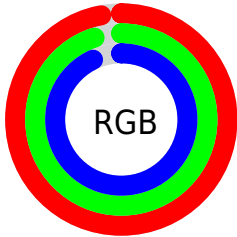
Format	Color
R _Y B	245, 247, 238
Decimal	16249838
CIE Lab	96.02, 0.48, 2.89
CIE LCh	96, 2.927, 80.608
Yxy	90.0484, 0.3184, 0.3340
Android (android.graphics.Color)	4294439918 (0xFF7F3EE)
YUV	243.6260, -2.7736, 2.9590
Hunter-Lab	94.8938, -4.5901, 7.8722

Details

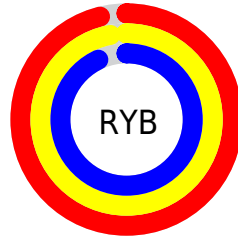
The Yxy color 90.0484, 0.3184, 0.3340 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 88.3826, 0.3071, 0.3239, and the grayscale version is 90.1760, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 49.9944, 0.3199, 0.3353 is the 20% darker color. If you saturate the color by 10%, you get 82.3310, 0.3353, 0.3482, and if you desaturate by 10%, it is 97.8611, 0.3078, 0.3280.

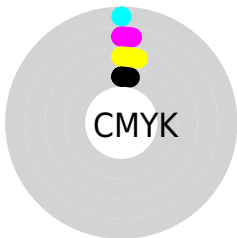
Distribution



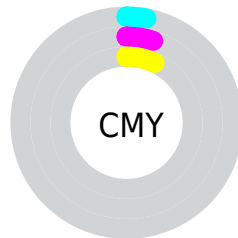
- Red (97%)
- Green (95%)
- Blue (93%)



- Red (96%)
- Yellow (97%)
- Blue (93%)



- Cyan (0%)
- Magenta (2%)
- Yellow (4%)
- Black (3%)





- Cyan (3%)
- Magenta (5%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 90.0484, 0.3184, 0.3340 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 90.0484, 0.3184, 0.3340 by changing the saturation by 10% instead.

 90.0484, 0.3184,
0.3340

 90.0484, 0.3184,
0.3340

528.1883, 0.3159,
0.3318

 68.0208, 0.3190,
0.3345


147.4056, 0.3175,
0.3332

 49.9146, 0.3196,
0.3351


183.5040, 0.3172,
0.3329

 35.3456, 0.3205,
0.3358


225.0615, 0.3169,
0.3327

 23.9292, 0.3216,
0.3368

272.4624, 0.3166,
0.3325

 15.2811, 0.3230,
0.3380

326.0911, 0.3164,
0.3323

 9.0169, 0.3250,
0.3397

386.3321, 0.3162,

 4.7522, 0.3279,

0.3321

453.5697, 0.3160,
0.3319

0.3423

2.1026, 0.3326,
0.3464

0.6661, 0.3515,
0.3631

90.0484, 0.3184,
0.3340

90.0484, 0.3184,
0.3340

82.3310, 0.3353,
0.3482

97.8611, 0.3078,
0.3280

75.1860, 0.3543,
0.3630

98.5187, 0.3078,
0.3290

68.6017, 0.3755,
0.3781

62.5617, 0.3987,
0.3928

■ 57.0485, 0.4233,
0.4062

■ 52.0434, 0.4487,
0.4173

■ 47.5261, 0.4736,
0.4246

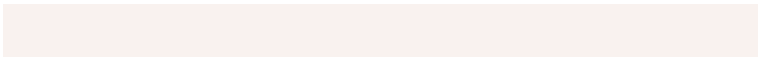
■ 43.4739, 0.4965,
0.4272

■ 39.8608, 0.5160,
0.4242

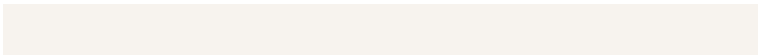
Harmonies

Analogous

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



90.0484, 0.3192, 0.3320



90.0484, 0.3184, 0.3340



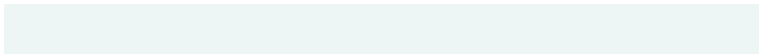
90.0484, 0.3161, 0.3347

Triad

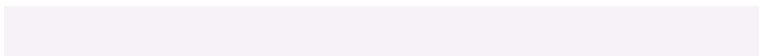
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



90.0484, 0.3184, 0.3340



90.0484, 0.3073, 0.3289



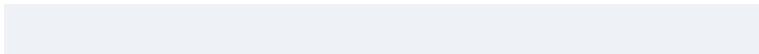
90.0484, 0.3125, 0.3242

Complementary

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



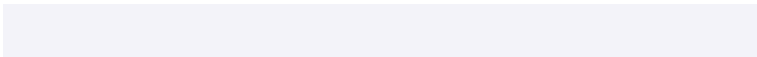
90.0484, 0.3184, 0.3340



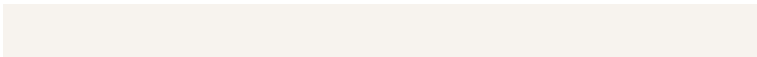
88.3826, 0.3071, 0.3239

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.



90.0484, 0.3093, 0.3234



90.0484, 0.3184, 0.3340



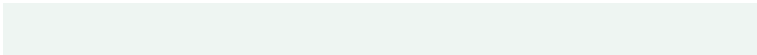
90.0484, 0.3063, 0.3260

Square

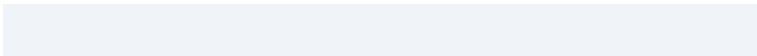
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



90.0484, 0.3184, 0.3340



90.0484, 0.3097, 0.3318



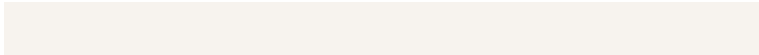
90.0484, 0.3071, 0.3240



90.0484, 0.3157, 0.3263

Rectangle

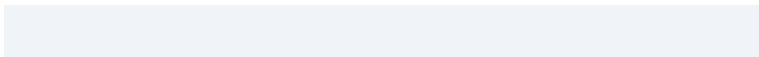
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



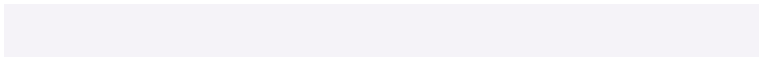
90.0484, 0.3184, 0.3340



90.0484, 0.3140, 0.3343



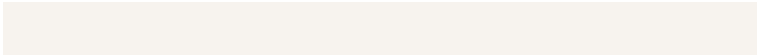
90.0484, 0.3071, 0.3240



90.0484, 0.3114, 0.3238

Sweetspot

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



90.0523, 0.3184, 0.3340



99.1168, 0.3142, 0.3304



87.3189, 0.3162, 0.3250



21.2244, 0.3142, 0.3303



0.0000, 0.0000, 0.0000



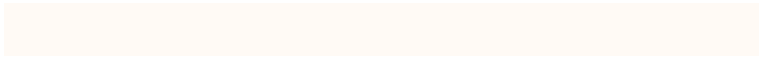
21.4041, 0.3127, 0.3290

Same Dimension

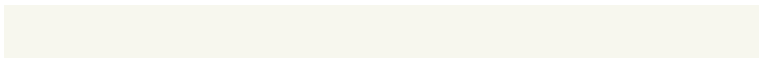
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90.0523, 0.3184, 0.3340



96.5058, 0.3189, 0.3345



92.4042, 0.3178, 0.3380



18.7913, 0.3201, 0.3355



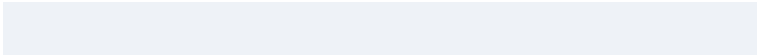
20.2640, 0.5244, 0.4218



1.9858, 0.5076, 0.4352

Inverse Universe

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



88.3826, 0.3071, 0.3239



94.5503, 0.3066, 0.3235



86.0930, 0.3075, 0.3199



18.3401, 0.3054, 0.3224



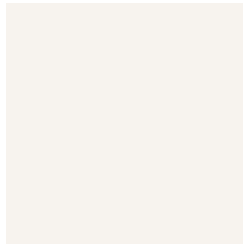
9.6802, 0.1721, 0.1395



1.0523, 0.1788, 0.1635

Previews

White Background



This preview shows how the Yxy color 90.0484, 0.3184, 0.3340 looks on a white background.

Color Contrast Check

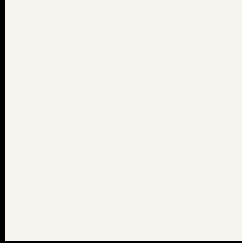
Large Text (above 18pt) WCAG AA × Fail

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 90.0484, 0.3184, 0.3340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

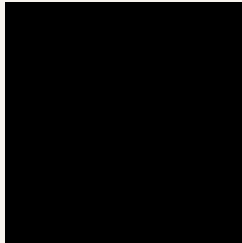
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

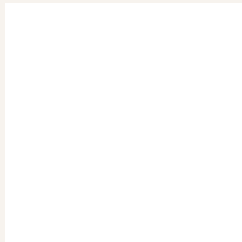
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 90.0484, 0.3184, 0.3340

Background



This preview shows how black text looks on a background with the Yxy color 90.0484, 0.3184, 0.3340.

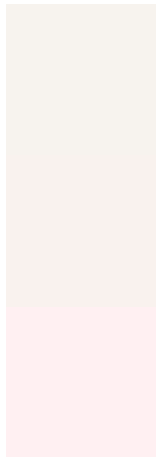


This preview shows how white text looks on a background with the Yxy color 90.0484, 0.3184, 0.3340.

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

90.0484, 0.3184, 0.3340

Protanopia

89.8170, 0.3197, 0.3330

Deuteranopia

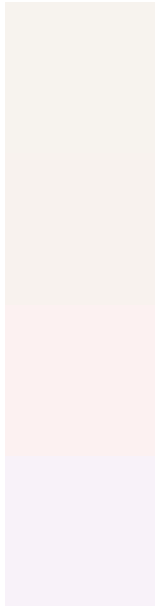
89.9910, 0.3214, 0.3271



Tritanopia

90.0871, 0.3088, 0.3154

Trichromacy



Original Color

90.0484, 0.3184, 0.3340

Protanomaly

89.6338, 0.3191, 0.3330

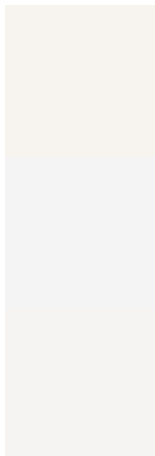
Deuteranomaly

89.9569, 0.3200, 0.3290

Tritanomaly

90.3003, 0.3124, 0.3222

Monochromacy



Original Color

90.0484, 0.3184, 0.3340

Achromatopsia

90.4661, 0.3127, 0.3290

Achromatomaly

90.5246, 0.3146, 0.3310

CSS Examples

Text

The CSS property to change the color of the text to Yxy 90.0484, 0.3184, 0.3340 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(247, 243, 238)` looks like.

```
.text, #text, p{  
    color:rgb(247, 243, 238)  
}
```

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(247, 243, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 243, 238) }
```

Border

The CSS property to change the border of an element to Yxy 90.0484, 0.3184, 0.3340 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(247, 243, 238) }
```

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

```
.border{ border-color:rgb(247, 243, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 243, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(247, 243, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(247, 243, 238); box-shadow:4px 4px 4px 4px rgb(247, 243, 238) }
```


Background

The CSS property to change the background color of an element to Yxy 90.0484, 0.3184, 0.3340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 243, 238) }
```

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

```
.background{ background-color: rgb(247,  
243, 238) }
```

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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