

Converting Colors

$Y_{xy}(90.1591, 0.3394, 0.3587)$

Have a look what the booklet for
Yxy(90.1591, 0.3394, 0.3587)
contains.

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Color

Yxy(90.1653, 0.3394, 0.3588)

Conversions

Conversions Part 1

Format	Color
Hex	FFF3D5
RGB	255, 243, 213
RGB Percent	100%, 95%, 84%
CMY	0.0001, 0.0470, 0.1648
CMYK	0.00, 0.05, 0.16, 0.00
HSL	43°, 100%, 92%
HSV	43°, 16%, 100%
XYZ	85.2901, 90.1653, 75.8414
YIQ	243.1680, 16.7820, -6.7860

Conversions

Conversions Part 2

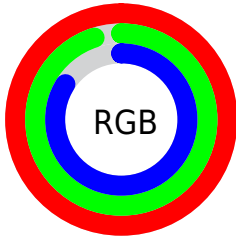
Format	Color
R_{YB}	230, 255, 213
Decimal	16774101
CIE Lab	96.07, -0.77, 15.93
CIE LCh	96, 15.947, 92.768
Yxy	90.1653, 0.3394, 0.3588
Android (android.graphics.Color)	4294964181 (0xFFFFF3D5)
YUV	243.1680, -14.8728, 10.3767
Hunter-Lab	94.9554, -5.8410, 19.1136

Details

The Yxy color **90.1653, 0.3394, 0.3588** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **75.1726, 0.2863, 0.2973**, and the grayscale version is **89.8776, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.0150, 0.3454, 0.3657** is the 20% darker color. If you saturate the color by 10%, you get **84.7160, 0.3575, 0.3777**, and if you desaturate by 10%, it is **95.9979, 0.3227, 0.3404**.

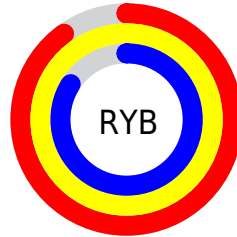
Distribution



Red (100%)

Green (95%)

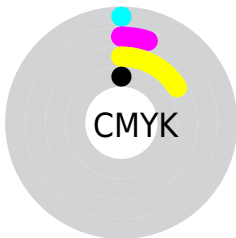
Blue (84%)



Red (90%)

Yellow (100%)

Blue (84%)

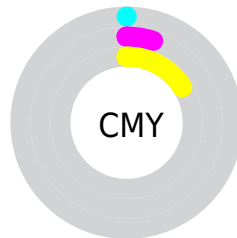


Cyan (0%)

Magenta (5%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (5%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 90.1653, 0.3394, 0.3588 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 90.1653, 0.3394, 0.3588 by changing the saturation by 10% instead.


 90.1653, 0.3394,
0.3588

 90.1653, 0.3394,
0.3588


528.5684, 0.3275,
0.3455

 68.1178, 0.3420,
0.3617

147.5680, 0.3354,
0.3543

 49.9935, 0.3451,
0.3653


183.6919, 0.3338,
0.3525

 35.4083, 0.3491,
0.3697


225.2767, 0.3324,
0.3510

 23.9775, 0.3540,
0.3753

272.7069, 0.3312,
0.3496

 15.3170, 0.3605,
0.3826

326.3667, 0.3301,
0.3484

 9.0421, 0.3694,
0.3927

386.6407, 0.3292,

 4.7687, 0.3821,

0.3473

0.4072

453.9131, 0.3283,
0.3464

■ 2.1122, 0.4021,
0.4302

■ 0.6715, 0.4798,
0.5202

■ 90.1653, 0.3394,
0.3588

■ 90.1653, 0.3394,
0.3588

■ 84.7160, 0.3575,
0.3777

■ 95.9979, 0.3227,
0.3404

■ 79.6265, 0.3766,
0.3965

99.9946, 0.3127,
0.3290

■ 74.8886, 0.3965,
0.4145

■ 70.4891, 0.4163,
0.4307

■ 66.4136, 0.4353,
0.4438

■ 62.6458, 0.4525,
0.4530

■ 59.1671, 0.4670,
0.4573

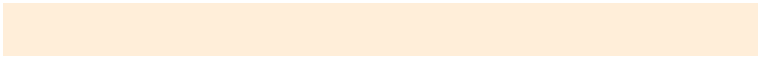
■ 55.9549, 0.4784,
0.4566

■ 54.8735, 0.4819,
0.4556

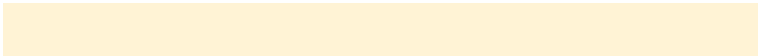
Harmonies

Analogous

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



90.1653, 0.3476, 0.3496



90.1653, 0.3394, 0.3588



90.1653, 0.3241, 0.3600

Triad

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



90.1653, 0.3394, 0.3588



90.1653, 0.2804, 0.3210



90.1653, 0.3186, 0.3074

Complementary

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



90.1653, 0.3394, 0.3588



75.1726, 0.2863, 0.2973

Split Complementary

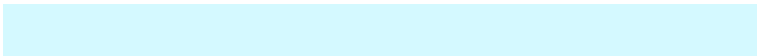
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.1653, 0.3006, 0.2999



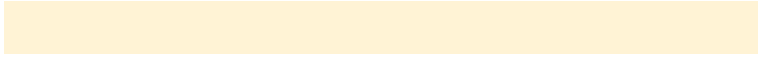
90.1653, 0.3394, 0.3588



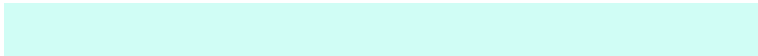
90.1653, 0.2790, 0.3073

Square

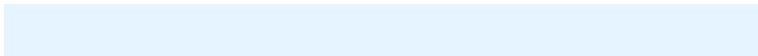
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



90.1653, 0.3394, 0.3588



90.1653, 0.2902, 0.3377



90.1653, 0.2863, 0.2998



90.1653, 0.3354, 0.3202

Rectangle

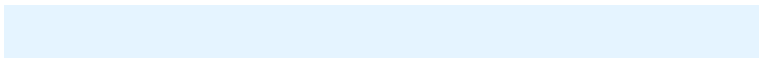
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



90.1653, 0.3394, 0.3588



90.1653, 0.3121, 0.3557



90.1653, 0.2863, 0.2998



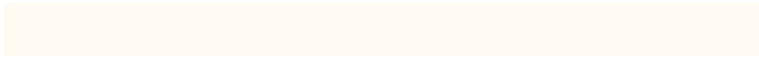
90.1653, 0.3125, 0.3042

Sweetspot

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



90.1693, 0.3394, 0.3588



96.9122, 0.3204, 0.3378



74.2983, 0.3351, 0.3164



20.6520, 0.3215, 0.3391



0.0000, 0.0000, 0.0000



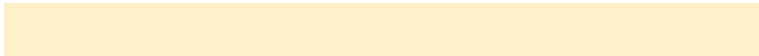
21.4041, 0.3127, 0.3290

Same Dimension

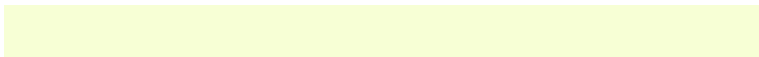
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90.1693, 0.3394, 0.3588



88.2249, 0.3456, 0.3654



96.0012, 0.3320, 0.3708



20.1655, 0.3276, 0.3459



28.9471, 0.4806, 0.4566



3.0049, 0.4719, 0.4635

Inverse Universe

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



75.1726, 0.2863, 0.2973



70.4685, 0.2802, 0.2897



70.2252, 0.2913, 0.2851



18.2196, 0.2979, 0.3115



6.4518, 0.1600, 0.0958



0.8047, 0.1660, 0.1175

Previews

White Background



This preview shows how the Yxy color 90.1653, 0.3394, 0.3588 looks on a white background.

Color Contrast Check

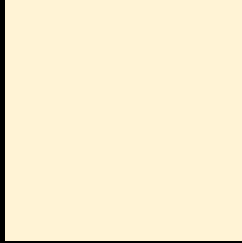
Large Text (above 18pt) WCAG AA × Fail

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 90.1653, 0.3394, 0.3588 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

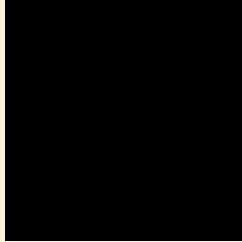
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 90.1653, 0.3394, 0.3588

Background



This preview shows how black text looks on a background with the Yxy color 90.1653, 0.3394, 0.3588.



This preview shows how white text looks on a background with the Yxy color 90.1653, 0.3394, 0.3588.

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

90.1653, 0.3394, 0.3588

Protanopia

90.1653, 0.3394, 0.3588

Deuteranopia

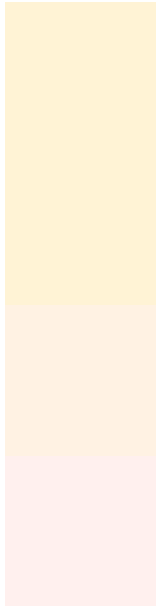
90.1688, 0.3257, 0.3349



Tritanopia

90.0213, 0.3153, 0.3165

Trichromacy



Original Color

90.1653, 0.3394, 0.3588

Protanomaly

90.1653, 0.3394, 0.3588

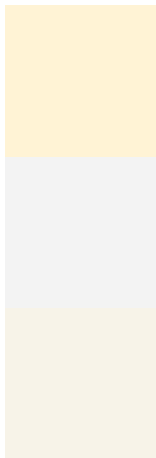
Deuteranomaly

90.3103, 0.3306, 0.3438

Tritanomaly

89.7532, 0.3239, 0.3310

Monochromacy



Original Color

90.1653, 0.3394, 0.3588

Achromatopsia

89.6269, 0.3127, 0.3290

Achromatomaly

89.7015, 0.3220, 0.3400

CSS Examples

Text

The CSS property to change the color of the text to Yxy 90.1653, 0.3394, 0.3588 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(255, 243, 213)` looks like.

```
.text, #text, p{  
    color:rgb(255, 243, 213)  
}
```

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(255, 243, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 243, 213) }
```

Border

The CSS property to change the border of an element to Yxy 90.1653, 0.3394, 0.3588 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(255, 243, 213) }
```

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

```
.border{ border-color:rgb(255, 243, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 243, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 243, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 243, 213);  
box-shadow:4px 4px 4px 4px rgb(255, 243,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 90.1653, 0.3394, 0.3588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 243, 213) }
```

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

```
.background{ background-color: rgb(255,  
243, 213) }
```

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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