

Converting Colors

Yxy(84.6220, 0.3307, 0.3562)

Have a look what the booklet for
Yxy(84.6220, 0.3307, 0.3562)
contains.

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Color

Yxy(84.4278, 0.3304, 0.3558)

Conversions

Conversions Part 1

Format	Color
Hex	F0EED4
RGB	240, 238, 212
RGB Percent	94%, 93%, 83%
CMY	0.0587, 0.0667, 0.1686
CMYK	0.00, 0.01, 0.12, 0.06
HSL	56°, 48%, 89%
HSV	56°, 12%, 94%
XYZ	78.4006, 84.4278, 74.4616
YIQ	235.6340, 9.5380, -7.6620

Conversions

Conversions Part 2

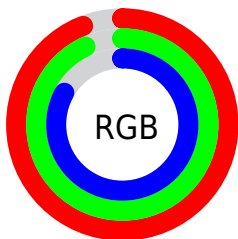
Format	Color
R _Y B	214, 240, 212
Decimal	15789780
CIE Lab	93.64, -3.65, 12.82
CIE LCh	94, 13.331, 105.894
Yxy	84.4278, 0.3304, 0.3558
Android (android.graphics.Color)	4293979860 (0xFFFF0EED4)
YUV	235.6340, -11.6516, 3.8290
Hunter-Lab	91.8846, -8.4927, 16.2717

Details

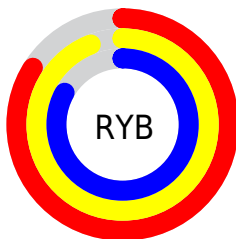
The Yxy color **84.4278, 0.3304, 0.3558** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **68.4072, 0.2943, 0.3007**, and the grayscale version is **83.6769, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.0806, 0.3347, 0.3622** is the 20% darker color. If you saturate the color by 10%, you get **82.3025, 0.3462, 0.3794**, and if you desaturate by 10%, it is **86.7503, 0.3152, 0.3328**.

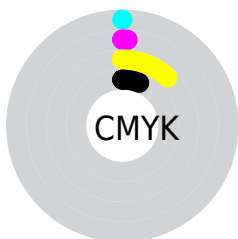
Distribution



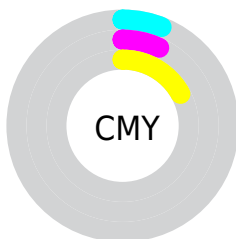
- Red (94%)
- Green (93%)
- Blue (83%)



- Red (84%)
- Yellow (94%)
- Blue (83%)



- Cyan (0%)
- Magenta (1%)
- Yellow (12%)
- Black (6%)



- Cyan (6%)
- Magenta (7%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 84.4278, 0.3304, 0.3558 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 84.4278, 0.3304, 0.3558 by changing the saturation by 10% instead.

84.4278, 0.3304,
0.3558

84.4278, 0.3304,
0.3558

509.7328, 0.3225,
0.3436

63.3687, 0.3322,
0.3585

139.5734, 0.3277,
0.3516

46.1395, 0.3343,
0.3619

174.4288, 0.3266,
0.3500

32.3560, 0.3369,
0.3661

214.6516, 0.3257,
0.3486

21.6335, 0.3403,
0.3715

260.6264, 0.3249,
0.3473

13.5879, 0.3448,
0.3787

312.7376, 0.3242,
0.3462

7.8346, 0.3510,
0.3888

371.3694, 0.3236,

3.9893, 0.3600,

0.3453

0.4041

436.9063, 0.3230,
0.3444

■ 1.6676, 0.3756,
0.4311

■ 0.4025, 0.4217,
0.5783

■ 84.4278, 0.3304,
0.3558

■ 84.4278, 0.3304,
0.3558

■ 82.3025, 0.3462,
0.3794

■ 86.7503, 0.3152,
0.3328

■ 80.3555, 0.3622,
0.4030

■ 88.9387, 0.3037,
0.3156

■ 78.5817, 0.3778,
0.4256

■ 89.9741, 0.3037,
0.3174

■ 76.9721, 0.3924,
0.4463

■ 91.0194, 0.3037,
0.3191

■ 75.5164, 0.4055,
0.4641

■ 92.0745, 0.3037,
0.3208

■ 74.2032, 0.4163,
0.4781

■ 93.1395, 0.3036,
0.3225

■ 73.0195, 0.4245,
0.4878

■ 94.2145, 0.3036,
0.3242

■ 71.9495, 0.4300,
0.4930

■ 95.2993, 0.3036,
0.3259

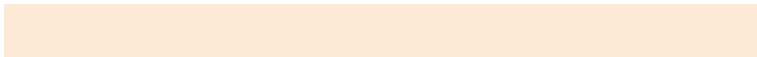
■ 71.1242, 0.4328,
0.4946

■ 96.3942, 0.3036,
0.3276

Harmonies

Analogous

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



84.4278, 0.3404, 0.3508



84.4278, 0.3304, 0.3558



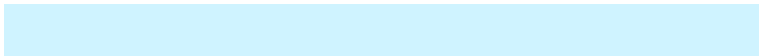
84.4278, 0.3158, 0.3533

Triad

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



84.4278, 0.3304, 0.3558



84.4278, 0.2836, 0.3166



84.4278, 0.3244, 0.3148

Complementary

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



84.4278, 0.3304, 0.3558



68.4072, 0.2943, 0.3007

Split Complementary

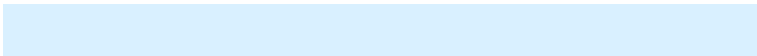
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.4278, 0.3090, 0.3061



84.4278, 0.3304, 0.3558



84.4278, 0.2857, 0.3069

Square

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



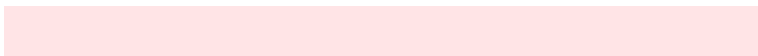
84.4278, 0.3304, 0.3558



84.4278, 0.2890, 0.3302



84.4278, 0.2949, 0.3032



84.4278, 0.3369, 0.3271

Rectangle

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



84.4278, 0.3304, 0.3558



84.4278, 0.3056, 0.3477



84.4278, 0.2949, 0.3032



84.4278, 0.3194, 0.3114

Sweetspot

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



84.4315, 0.3304, 0.3558



98.8905, 0.3187, 0.3381



70.4980, 0.3320, 0.3266



21.1228, 0.3198, 0.3398



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.



84.4315, 0.3304, 0.3558



96.2737, 0.3341, 0.3614



83.6404, 0.3222, 0.3585



18.2518, 0.3270, 0.3507



39.0104, 0.4326, 0.4947



3.3034, 0.4306, 0.4963

Inverse Universe

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



68.4072, 0.2943, 0.3007



74.5067, 0.2902, 0.2944



69.1855, 0.3024, 0.2992



15.4123, 0.2979, 0.3064



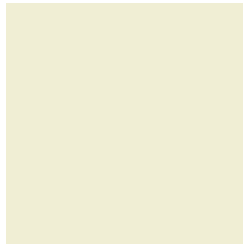
3.7390, 0.1513, 0.0646



0.3746, 0.1545, 0.0761

Previews

White Background



This preview shows how the Yxy color 84.4278, 0.3304, 0.3558 looks on a white background.

Color Contrast Check

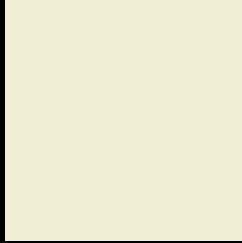
Large Text (above 18pt) WCAG AA × Fail

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 84.4278, 0.3304, 0.3558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

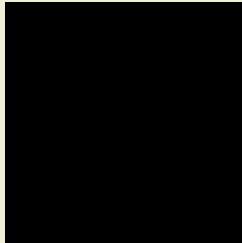
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

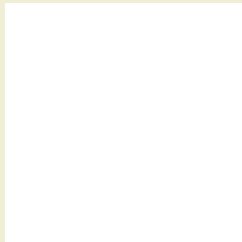
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 84.4278, 0.3304, 0.3558

Background



This preview shows how black text looks on a background with the Yxy color 84.4278, 0.3304, 0.3558.

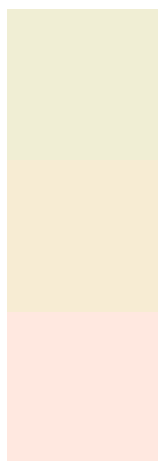


This preview shows how white text looks on a background with the Yxy color 84.4278, 0.3304, 0.3558.

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

84.4278, 0.3304, 0.3558

Protanopia

84.4682, 0.3362, 0.3545

Deuteranopia

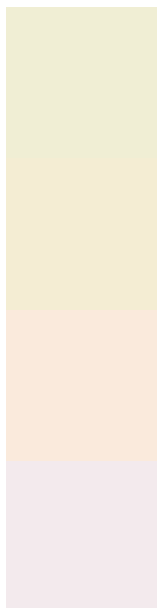
84.3550, 0.3338, 0.3370



Tritanopia

84.0907, 0.3096, 0.3102

Trichromacy



Original Color

84.4278, 0.3304, 0.3558

Protanomaly

84.5046, 0.3339, 0.3556

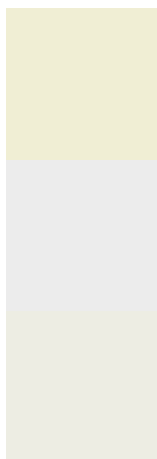
Deuteranomaly

84.3369, 0.3327, 0.3431

Tritanomaly

84.0147, 0.3169, 0.3260

Monochromacy



Original Color

84.4278, 0.3304, 0.3558

Achromatopsia

83.8799, 0.3127, 0.3290

Achromatomaly

84.1189, 0.3189, 0.3393

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.4278, 0.3304, 0.3558 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(240, 238, 212)` looks like.

```
.text, #text, p{  
    color:rgb(240, 238, 212)  
}
```

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(240, 238, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 238, 212) }
```

Border

The CSS property to change the border of an element to Yxy 84.4278, 0.3304, 0.3558 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(240, 238, 212) }
```

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

```
.border{ border-color:rgb(240, 238, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 238, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 238, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 238, 212);  
box-shadow:4px 4px 4px 4px rgb(240, 238,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 84.4278, 0.3304, 0.3558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 238, 212) }
```

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

```
.background{ background-color: rgb(240,  
238, 212) }
```

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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