

Converting Colors

$Yxy(89.4207, 0.3329, 0.3482)$

Have a look what the booklet for
Yxy(89.4207, 0.3329, 0.3482)
contains.

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Color

Yxy(89.2554, 0.3333, 0.3478)

Conversions

Conversions Part 1

Format	Color
Hex	FEF1DE
RGB	254, 241, 222
RGB Percent	100%, 95%, 87%
CMY	0.0036, 0.0550, 0.1293
CMYK	0.00, 0.05, 0.13, 0.00
HSL	35°, 95%, 93%
HSV	35°, 13%, 100%
XYZ	85.5343, 89.2554, 81.8388
YIQ	242.7210, 13.8470, -3.1530

Conversions

Conversions Part 2

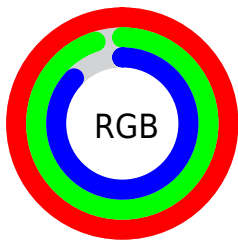
Format	Color
RYB	244, 254, 222
Decimal	16708062
CIELab	95.69, 1.32, 10.72
CIELCh	96, 10.802, 82.981
Yxy	89.2554, 0.3333, 0.3478
Android (android.graphics.Color)	4294898142 (0xFFFEF1DE)
YUV	242.7210, -10.2155, 9.8917
Hunter-Lab	94.4751, -3.7240, 14.7727

Details

The Yxy color **89.2554, 0.3333, 0.3478** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.1717, 0.2929, 0.3095**, and the grayscale version is **89.4789, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.3583, 0.3375, 0.3518** is the 20% darker color. If you saturate the color by 10%, you get **82.0296, 0.3518, 0.3635**, and if you desaturate by 10%, it is **97.0443, 0.3167, 0.3328**.

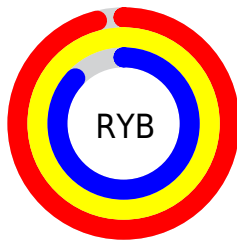
Distribution



Red (100%)

Green (95%)

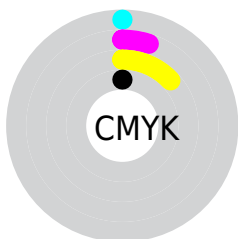
Blue (87%)



Red (96%)

Yellow (100%)

Blue (87%)

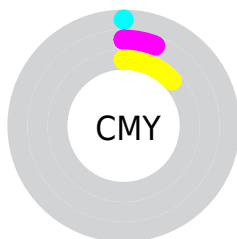


Cyan (0%)

Magenta (5%)

Yellow (13%)

Black (0%)



Cyan (0%)

Magenta (6%)

Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 89.2554, 0.3333, 0.3478 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 89.2554, 0.3333, 0.3478 by changing the saturation by 10% instead.

 89.2554, 0.3333,
0.3478

 89.2554, 0.3333,
0.3478


525.6057, 0.3241,
0.3394

 67.3632, 0.3353,
0.3496


146.3037, 0.3302,
0.3450

 49.3799, 0.3378,
0.3519

182.2286, 0.3289,
0.3438

 34.9209, 0.3409,
0.3546


223.5999, 0.3279,
0.3429

 23.6020, 0.3448,
0.3582

270.8019, 0.3269,
0.3420

 15.0386, 0.3500,
0.3628

324.2191, 0.3261,
0.3413

 8.8465, 0.3572,
0.3692

384.2359, 0.3254,

 4.6412, 0.3677,

0.3406

0.3785

451.2366, 0.3247,
0.3400

■ 2.0383, 0.3846,
0.3931

■ 0.6296, 0.5004,
0.4996

■ 89.2554, 0.3333,
0.3478

■ 89.2554, 0.3333,
0.3478

■ 82.0296, 0.3518,
0.3635

■ 97.0443, 0.3167,
0.3328

■ 75.3400, 0.3723,
0.3795

99.8244, 0.3121,
0.3290

■ 69.1750, 0.3946,
0.3951

■ 63.5177, 0.4181,
0.4095

■ 58.3500, 0.4421,
0.4216

■ 53.6524, 0.4655,
0.4301

■ 49.4030, 0.4869,
0.4340

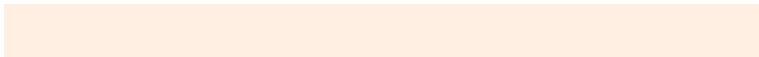
■ 45.5763, 0.5051,
0.4324

■ 42.9977, 0.5164,
0.4282

Harmonies

Analogous

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



89.2554, 0.3367, 0.3403



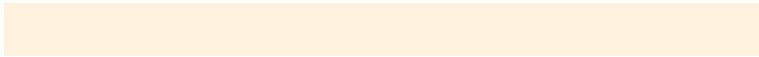
89.2554, 0.3333, 0.3478



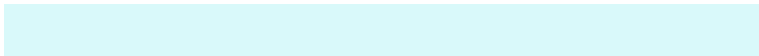
89.2554, 0.3243, 0.3503

Triad

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



89.2554, 0.3333, 0.3478



89.2554, 0.2923, 0.3274



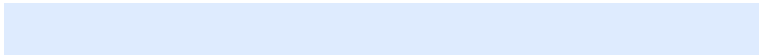
89.2554, 0.3127, 0.3120

Complementary

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



89.2554, 0.3333, 0.3478



82.1717, 0.2929, 0.3095

Split Complementary

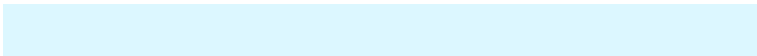
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



89.2554, 0.3009, 0.3084



89.2554, 0.3333, 0.3478



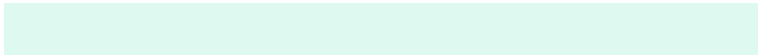
89.2554, 0.2893, 0.3170

Square

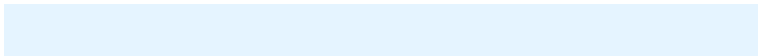
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



89.2554, 0.3333, 0.3478



89.2554, 0.3006, 0.3384



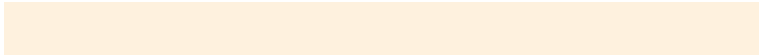
89.2554, 0.2924, 0.3102



89.2554, 0.3247, 0.3198

Rectangle

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



89.2554, 0.3333, 0.3478



89.2554, 0.3165, 0.3487



89.2554, 0.2924, 0.3102



89.2554, 0.3086, 0.3102

Sweetspot

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



89.2593, 0.3333, 0.3478



96.7314, 0.3189, 0.3348



79.3566, 0.3266, 0.3158



20.5751, 0.3201, 0.3359



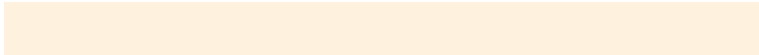
0.0000, 0.0000, 0.0000



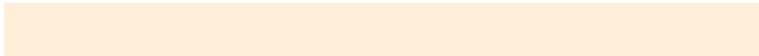
21.4041, 0.3127, 0.3290

Same Dimension

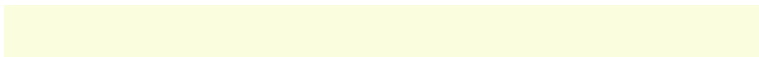
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.2593, 0.3333, 0.3478



88.2122, 0.3375, 0.3515



96.7881, 0.3299, 0.3605



19.7737, 0.3279, 0.3430



22.9521, 0.5144, 0.4298



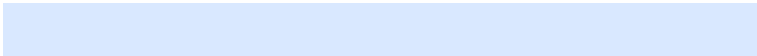
2.4498, 0.5006, 0.4407

Inverse Universe

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



82.1717, 0.2929, 0.3095



79.8554, 0.2890, 0.3054



75.3705, 0.2943, 0.2958



18.5958, 0.2979, 0.3145



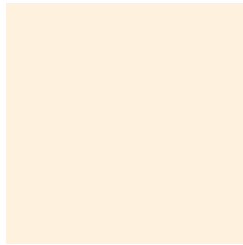
9.2359, 0.1690, 0.1283



1.1076, 0.1752, 0.1506

Previews

White Background



This preview shows how the Yxy color 89.2554, 0.3333, 0.3478 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 89.2554, 0.3333, 0.3478 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

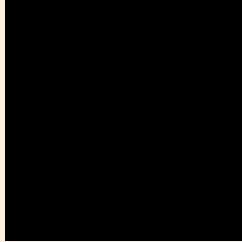
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 89.2554, 0.3333, 0.3478

Background



This preview shows how black text looks on a background with the Yxy color 89.2554, 0.3333, 0.3478.

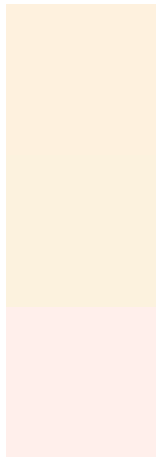


This preview shows how white text looks on a background with the Yxy color 89.2554, 0.3333, 0.3478.

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

89.2554, 0.3333, 0.3478

Protanopia

89.4736, 0.3318, 0.3489

Deuteranopia

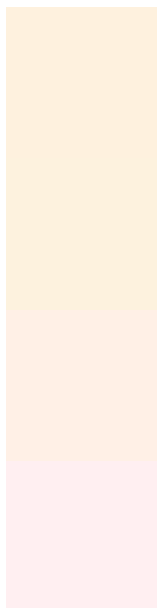
88.9912, 0.3259, 0.3330



Tritanopia

89.4373, 0.3153, 0.3155

Trichromacy



Original Color

89.2554, 0.3333, 0.3478

Protanomaly

89.6608, 0.3325, 0.3489

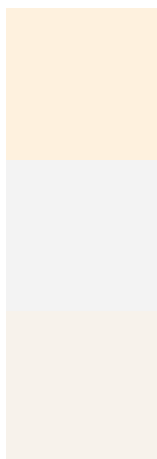
Deuteranomaly

89.2933, 0.3290, 0.3389

Tritanomaly

89.3439, 0.3221, 0.3271

Monochromacy



Original Color

89.2554, 0.3333, 0.3478

Achromatopsia

89.6269, 0.3127, 0.3290

Achromatomaly

89.2766, 0.3203, 0.3360

CSS Examples

Text

The CSS property to change the color of the text to Yxy 89.2554, 0.3333, 0.3478 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(254, 241, 222)` looks like.

```
.text, #text, p{  
    color:rgb(254, 241, 222)  
}
```

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(254, 241, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 241, 222) }
```

Border

The CSS property to change the border of an element to Yxy 89.2554, 0.3333, 0.3478 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(254, 241, 222) }
```

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

```
.border{ border-color:rgb(254, 241, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 241, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 241, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 241, 222);  
box-shadow:4px 4px 4px 4px rgb(254, 241,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 89.2554, 0.3333, 0.3478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 241, 222) }
```

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

```
.background{ background-color: rgb(254,  
241, 222) }
```

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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