

Converting Colors

$Y_{xy}(88.7273, 0.3367, 0.3574)$

Have a look what the booklet for
Yxy(88.7273, 0.3367, 0.3574)
contains.

Yxy(88.8176, 0.3368, 0.3581)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(88.8176, 0.3368, 0.3581)

Conversions

Conversions Part 1

Format	Color
Hex	FBF2D5
RGB	251, 242, 213
RGB Percent	98%, 95%, 84%
CMY	0.0158, 0.0509, 0.1648
CMYK	0.00, 0.04, 0.15, 0.02
HSL	46°, 82%, 91%
HSV	46°, 15%, 98%
XYZ	83.5347, 88.8176, 75.6723
YIQ	241.3850, 14.6730, -7.1110

Conversions

Conversions Part 2

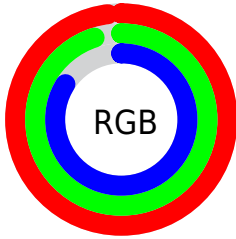
Format	Color
R_{YB}	225, 251, 213
Decimal	16511701
CIE Lab	95.50, -1.68, 15.09
CIE LCh	96, 15.186, 96.363
Yxy	88.8176, 0.3368, 0.3581
Android (android.graphics.Color)	4294701781 (0xFFFBF2D5)
YUV	241.3850, -13.9938, 8.4324
Hunter-Lab	94.2431, -6.7075, 18.3634

Details

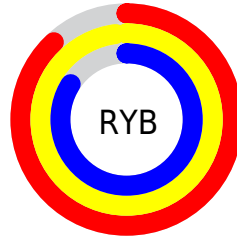
The Yxy color $88.8176, 0.3368, 0.3581$ is a light color, and the websafe version is hex `FFFFCC`. A complement of this color would be $73.3073, 0.2885, 0.2981$, and the grayscale version is $88.3840, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $49.0558, 0.3420, 0.3649$ is the 20% darker color. If you saturate the color by 10%, you get $84.1812, 0.3542, 0.3781$, and if you desaturate by 10%, it is $93.7728, 0.3206, 0.3387$.

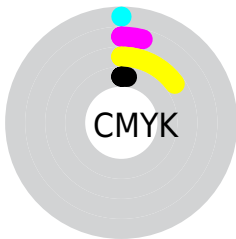
Distribution



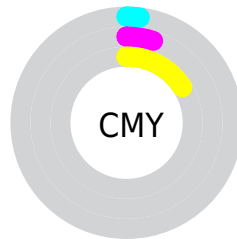
- Red (98%)
- Green (95%)
- Blue (84%)



- Red (88%)
- Yellow (98%)
- Blue (84%)



- Cyan (0%)
- Magenta (4%)
- Yellow (15%)
- Black (2%)





- Cyan (2%)
- Magenta (5%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 88.8176, 0.3368, 0.3581 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 88.8176, 0.3368, 0.3581 by changing the saturation by 10% instead.


 88.8176, 0.3368,
0.3581

 88.8176, 0.3368,
0.3581


524.1770, 0.3261,
0.3451

 67.0004, 0.3392,
0.3610


145.6949, 0.3332,
0.3537

 49.0849, 0.3420,
0.3645


181.5238, 0.3317,
0.3519

 34.6869, 0.3456,
0.3688


222.7920, 0.3305,
0.3504

 23.4218, 0.3501,
0.3744

269.8839, 0.3294,
0.3491

 14.9052, 0.3560,
0.3818

323.1840, 0.3284,
0.3479

 8.7529, 0.3641,
0.3919

383.0766, 0.3275,

 4.5804, 0.3757,

0.3468

0.4067

449.9462, 0.3268,
0.3459

■ 2.0032, 0.3943,
0.4307

■ 0.6093, 0.4689,
0.5311

■ 88.8176, 0.3368,
0.3581

■ 88.8176, 0.3368,
0.3581

■ 84.1812, 0.3542,
0.3781

■ 93.7728, 0.3206,
0.3387

■ 79.8418, 0.3725,
0.3981

■ 98.5074, 0.3103,
0.3279

■ 75.7924, 0.3912,
0.4172

■ 99.2435, 0.3102,
0.3290

■ 72.0214, 0.4097,
0.4345

■ 68.5159, 0.4271,
0.4490

■ 65.2615, 0.4426,
0.4595

■ 62.2417, 0.4555,
0.4654

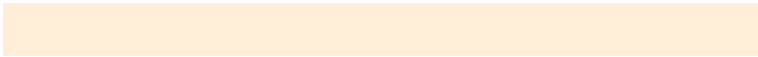
■ 59.4361, 0.4653,
0.4664

■ 58.1362, 0.4692,
0.4656

Harmonies

Analogous

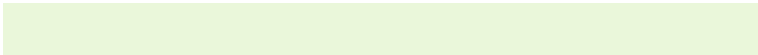
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.8176, 0.3456, 0.3501



88.8176, 0.3368, 0.3581



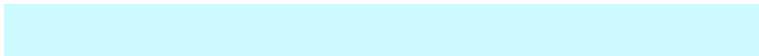
88.8176, 0.3216, 0.3582

Triad

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



88.8176, 0.3368, 0.3581



88.8176, 0.2812, 0.3196



88.8176, 0.3205, 0.3095

Complementary

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



88.8176, 0.3368, 0.3581



73.3073, 0.2885, 0.2981

Split Complementary

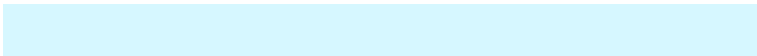
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.8176, 0.3031, 0.3017



88.8176, 0.3368, 0.3581



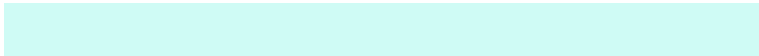
88.8176, 0.2808, 0.3070

Square

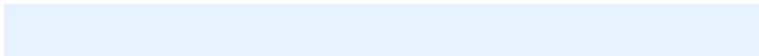
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.8176, 0.3368, 0.3581



88.8176, 0.2897, 0.3354



88.8176, 0.2887, 0.3006



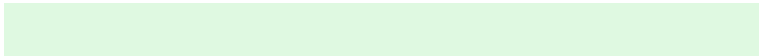
88.8176, 0.3360, 0.3222

Rectangle

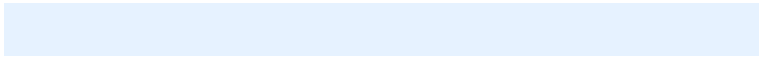
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.8176, 0.3368, 0.3581



88.8176, 0.3101, 0.3534



88.8176, 0.2887, 0.3006



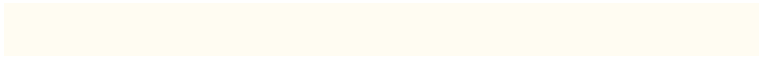
88.8176, 0.3146, 0.3062

Sweetspot

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



88.8215, 0.3368, 0.3581



97.3044, 0.3203, 0.3384



73.3777, 0.3343, 0.3194



20.7475, 0.3214, 0.3397



0.0000, 0.0000, 0.0000



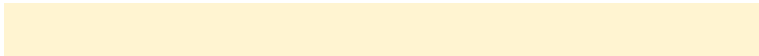
21.4041, 0.3127, 0.3290

Same Dimension

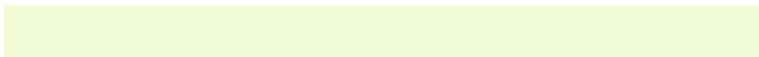
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.8215, 0.3368, 0.3581



90.6825, 0.3417, 0.3638



92.5616, 0.3292, 0.3674



19.4569, 0.3275, 0.3470



30.8021, 0.4682, 0.4664



3.0142, 0.4612, 0.4720

Inverse Universe

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



73.3073, 0.2885, 0.2981



71.9305, 0.2835, 0.2916



70.1422, 0.2946, 0.2891



17.3066, 0.2979, 0.3103



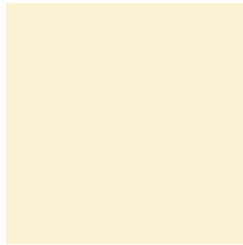
5.4964, 0.1572, 0.0858



0.6645, 0.1632, 0.1073

Previews

White Background



This preview shows how the Yxy color 88.8176, 0.3368, 0.3581 looks on a white background.

Color Contrast Check

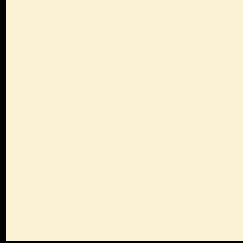
Large Text (above 18pt) WCAG AA × Fail

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 88.8176, 0.3368, 0.3581 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

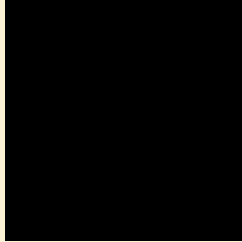
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 88.8176, 0.3368, 0.3581

Background



This preview shows how black text looks on a background with the Yxy color 88.8176, 0.3368, 0.3581.

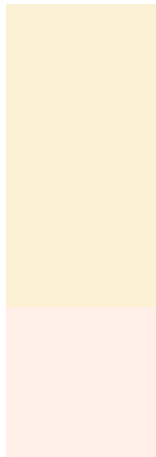


This preview shows how white text looks on a background with the Yxy color 88.8176, 0.3368, 0.3581.

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

88.8176, 0.3368, 0.3581

Protanopia

88.5973, 0.3383, 0.3570

Deuteranopia

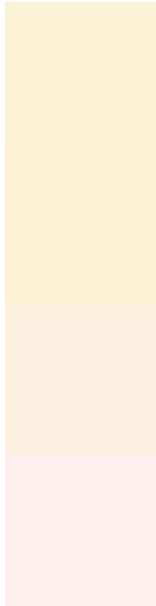
88.8192, 0.3278, 0.3359



Tritanopia

88.9202, 0.3148, 0.3136

Trichromacy



Original Color

88.8176, 0.3368, 0.3581

Protanomaly

88.4101, 0.3376, 0.3570

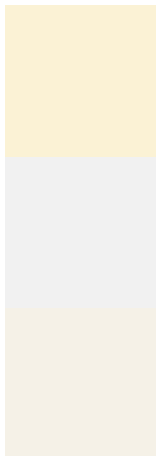
Deuteranomaly

88.8272, 0.3315, 0.3439

Tritanomaly

88.9769, 0.3233, 0.3300

Monochromacy



Original Color

88.8176, 0.3368, 0.3581

Achromatopsia

87.9622, 0.3127, 0.3290

Achromatomaly

88.0926, 0.3215, 0.3390

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.8176, 0.3368, 0.3581 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(251, 242, 213)` looks like.

```
.text, #text, p{  
    color:rgb(251, 242, 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(251, 242, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 242, 213) }
```

Border

The CSS property to change the border of an element to Yxy 88.8176, 0.3368, 0.3581 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(251, 242, 213) }
```

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

```
.border{ border-color:rgb(251, 242, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 242, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 242, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 242, 213);  
box-shadow:4px 4px 4px 4px rgb(251, 242,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 88.8176, 0.3368, 0.3581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 242, 213) }
```

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

```
.background{ background-color: rgb(251,  
242, 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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