

Converting Colors

$Yxy(88.3851, 0.3337, 0.3609)$

Have a look what the booklet for
Yxy(88.3851, 0.3337, 0.3609)
contains.

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Color

Yxy(88.2671, 0.3332, 0.3604)

Conversions

Conversions Part 1

Format	Color
Hex	F5F3D4
RGB	245, 243, 212
RGB Percent	96%, 95%, 83%
CMY	0.0390, 0.0471, 0.1685
CMYK	0.00, 0.01, 0.13, 0.04
HSL	56°, 62%, 90%
HSV	56°, 13%, 96%
XYZ	81.6054, 88.2671, 75.0417
YIQ	240.0640, 11.1430, -9.2170

Conversions

Conversions Part 2

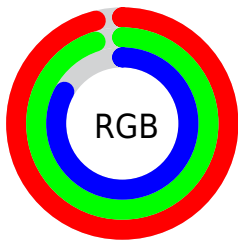
Format	Color
R _Y B	214, 245, 212
Decimal	16118740
CIE Lab	95.27, -4.40, 15.19
CIE LCh	95, 15.814, 106.170
Yxy	88.2671, 0.3332, 0.3604
Android (android.graphics.Color)	4294308820 (0xFFFF5F3D4)
YUV	240.0640, -13.8356, 4.3289
Hunter-Lab	93.9506, -9.3685, 18.4083

Details

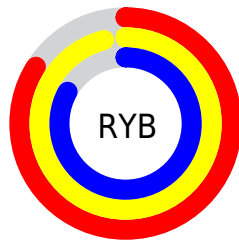
The Yxy color **88.2671, 0.3332, 0.3604** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **68.7346, 0.2912, 0.2955**, and the grayscale version is **87.3027, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.7938, 0.3382, 0.3680** is the 20% darker color. If you saturate the color by 10%, you get **86.2158, 0.3490, 0.3843**, and if you desaturate by 10%, it is **90.5215, 0.3179, 0.3369**.

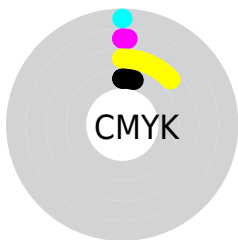
Distribution



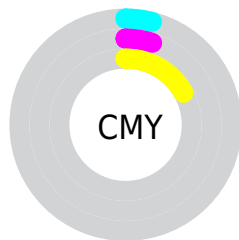
- Red (96%)
- Green (95%)
- Blue (83%)



- Red (84%)
- Yellow (96%)
- Blue (83%)



- Cyan (0%)
- Magenta (1%)
- Yellow (13%)
- Black (4%)





- Cyan (4%)
- Magenta (5%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 88.2671, 0.3332, 0.3604 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 88.2671, 0.3332, 0.3604 by changing the saturation by 10% instead.

 88.2671, 0.3332,
0.3604

 88.2671, 0.3332,
0.3604


522.3775, 0.3241,
0.3462

 66.5443, 0.3352,
0.3635


144.9290, 0.3301,
0.3556

 48.7144, 0.3376,
0.3674

180.6368, 0.3289,
0.3537

 34.3930, 0.3406,
0.3722


221.7751, 0.3278,
0.3520

 23.1956, 0.3444,
0.3783

268.7283, 0.3269,
0.3506

 14.7380, 0.3493,
0.3865

321.8807, 0.3261,
0.3493

 8.6357, 0.3560,
0.3979

381.6168, 0.3254,

 4.5044, 0.3656,

0.3482

0.4147

448.3210, 0.3247,
0.3472

■ 1.9595, 0.3810,
0.4429

■ 0.5838, 0.4339,
0.5661

■ 88.2671, 0.3332,
0.3604

■ 88.2671, 0.3332,
0.3604

■ 86.2158, 0.3490,
0.3843

■ 90.5215, 0.3179,
0.3369

■ 84.3475, 0.3648,
0.4080


■ 92.5801, 0.3068,
0.3203


■ 82.6569, 0.3802,
0.4305

■ 93.5136, 0.3068,
0.3218

■ 81.1342, 0.3944,
0.4509


■ 94.4547, 0.3067,
0.3233

 79.7685, 0.4068,
0.4682


 95.4036, 0.3067,
0.3247


 78.5476, 0.4169,
0.4815

 96.3601, 0.3067,
0.3262

 77.4572, 0.4243,
0.4904

 97.3244, 0.3066,
0.3277

 76.4801, 0.4289,
0.4950

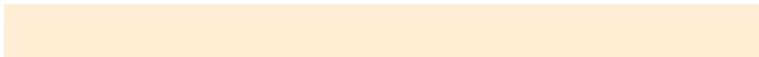
 98.1611, 0.3066,
0.3290

 75.8870, 0.4309,
0.4961

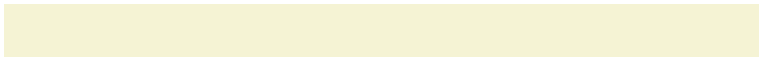
Harmonies

Analogous

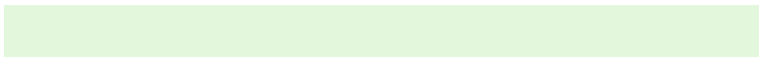
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.2671, 0.3450, 0.3545



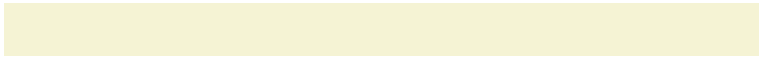
88.2671, 0.3332, 0.3604



88.2671, 0.3161, 0.3575

Triad

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



88.2671, 0.3332, 0.3604



88.2671, 0.2787, 0.3143



88.2671, 0.3266, 0.3126

Complementary

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



88.2671, 0.3332, 0.3604



68.7346, 0.2912, 0.2955

Split Complementary

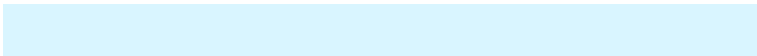
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.2671, 0.3085, 0.3025



88.2671, 0.3332, 0.3604



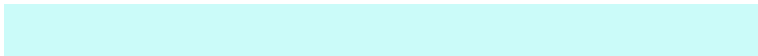
88.2671, 0.2813, 0.3030

Square

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



88.2671, 0.3332, 0.3604



88.2671, 0.2850, 0.3302



88.2671, 0.2920, 0.2989



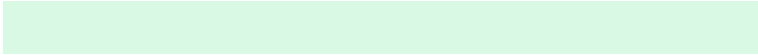
88.2671, 0.3412, 0.3269

Rectangle

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



88.2671, 0.3332, 0.3604



88.2671, 0.3042, 0.3508



88.2671, 0.2920, 0.2989



88.2671, 0.3207, 0.3086

Sweetspot

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



88.2710, 0.3332, 0.3604



98.9553, 0.3187, 0.3382



71.3896, 0.3359, 0.3268



21.1393, 0.3198, 0.3399



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

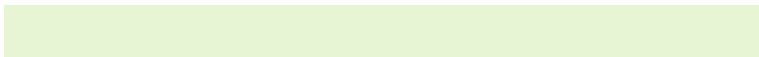
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.2710, 0.3332, 0.3604



96.0330, 0.3372, 0.3665



87.0346, 0.3233, 0.3634



19.1262, 0.3270, 0.3510



40.9407, 0.4306, 0.4963



3.6509, 0.4291, 0.4975

Inverse Universe

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



68.7346, 0.2912, 0.2955



71.0400, 0.2867, 0.2885



69.9206, 0.3010, 0.2943



16.0925, 0.2979, 0.3061



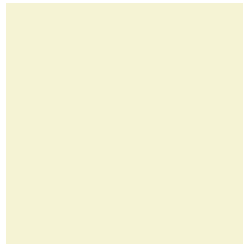
3.8050, 0.1511, 0.0638



0.3915, 0.1537, 0.0734

Previews

White Background



This preview shows how the Yxy color 88.2671, 0.3332, 0.3604 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 88.2671, 0.3332, 0.3604 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

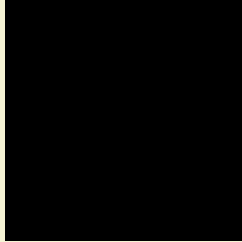
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

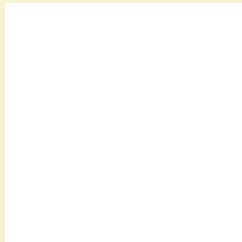
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.2671, 0.3332, 0.3604

Background



This preview shows how black text looks on a background with the Yxy color 88.2671, 0.3332, 0.3604.

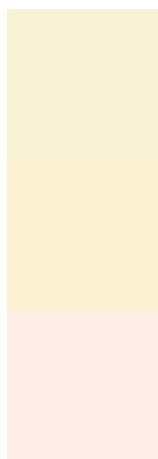


This preview shows how white text looks on a background with the Yxy color 88.2671, 0.3332, 0.3604.

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

88.2671, 0.3332, 0.3604

Protanopia

88.4964, 0.3396, 0.3590

Deuteranopia

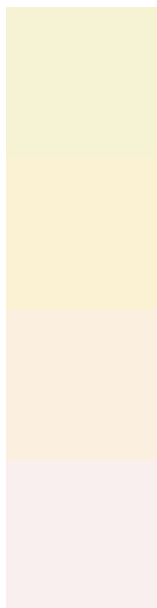
88.1786, 0.3285, 0.3359



Tritanopia

88.2976, 0.3109, 0.3115

Trichromacy



Original Color

88.2671, 0.3332, 0.3604

Protanomaly

88.5314, 0.3374, 0.3602

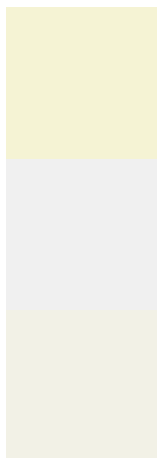
Deuteranomaly

88.2112, 0.3301, 0.3450

Tritanomaly

88.1047, 0.3193, 0.3290

Monochromacy



Original Color

88.2671, 0.3332, 0.3604

Achromatopsia

87.1367, 0.3127, 0.3290

Achromatomaly

87.5010, 0.3201, 0.3401

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.2671, 0.3332, 0.3604 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(245, 243, 212)` looks like.

```
.text, #text, p{  
    color:rgb(245, 243, 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(245, 243, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 243, 212) }
```

Border

The CSS property to change the border of an element to Yxy 88.2671, 0.3332, 0.3604 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(245, 243, 212) }
```

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

```
.border{ border-color:rgb(245, 243, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 243, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 243, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 243, 212);  
box-shadow:4px 4px 4px 4px rgb(245, 243,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 88.2671, 0.3332, 0.3604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 243, 212) }
```

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

```
.background{ background-color: rgb(245,  
243, 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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