

Converting Colors

$Yxy(88.2763, 0.3303, 0.3573)$

Have a look what the booklet for
Yxy(88.2763, 0.3303, 0.3573)
contains.

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Color

Yxy(88.2406, 0.3306, 0.3574)

Conversions

Conversions Part 1

Format	Color
Hex	F4F3D7
RGB	244, 243, 215
RGB Percent	96%, 95%, 84%
CMY	0.0432, 0.0470, 0.1568
CMYK	0.00, 0.00, 0.12, 0.04
HSL	58°, 57%, 90%
HSV	58°, 12%, 96%
XYZ	81.6238, 88.2406, 77.0315
YIQ	240.1070, 9.5840, -8.4960

Conversions

Conversions Part 2

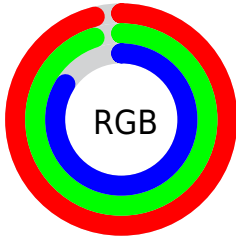
Format	Color
R _Y B	216, 244, 215
Decimal	16053207
CIE Lab	95.26, -4.32, 13.62
CIE LCh	95, 14.290, 107.598
Yxy	88.2406, 0.3306, 0.3574
Android (android.graphics.Color)	4294243287 (0xFFFF4F3D7)
YUV	240.1070, -12.3778, 3.4142
Hunter-Lab	93.9365, -9.2856, 17.1354

Details

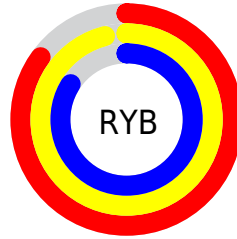
The Yxy color **88.2406, 0.3306, 0.3574** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **70.0941, 0.2939, 0.2989**, and the grayscale version is **87.3211, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.7701, 0.3349, 0.3641** is the 20% darker color. If you saturate the color by 10%, you get **86.5873, 0.3461, 0.3819**, and if you desaturate by 10%, it is **90.0909, 0.3155, 0.3334**.

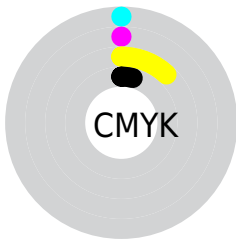
Distribution



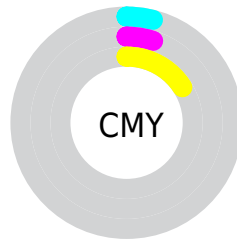
- Red (96%)
- Green (95%)
- Blue (84%)



- Red (85%)
- Yellow (96%)
- Blue (84%)



- Cyan (0%)
- Magenta (0%)
- Yellow (12%)
- Black (4%)



- Cyan (4%)
- Magenta (5%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 88.2406, 0.3306, 0.3574 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 88.2406, 0.3306, 0.3574 by changing the saturation by 10% instead.

88.2406, 0.3306,
0.3574

88.2406, 0.3306,
0.3574

522.2908, 0.3227,
0.3446

66.5223, 0.3323,
0.3602

144.8921, 0.3279,
0.3530

48.6966, 0.3344,
0.3637

180.5941, 0.3268,
0.3513

34.3788, 0.3371,
0.3681

221.7261, 0.3259,
0.3498

23.1848, 0.3404,
0.3737

268.6726, 0.3251,
0.3485

14.7300, 0.3447,
0.3811

321.8179, 0.3244,
0.3474

8.6301, 0.3506,
0.3914

381.5465, 0.3238,

4.5007, 0.3591,

0.3463

0.4068

448.2427, 0.3232,
0.3454

■ 1.9574, 0.3723,
0.4319

■ 0.5826, 0.4348,
0.5652

■ 88.2406, 0.3306,
0.3574

■ 88.2406, 0.3306,
0.3574

■ 86.5873, 0.3461,
0.3819

■ 90.0909, 0.3155,
0.3334

■ 85.1113, 0.3617,
0.4063

■ 91.5534, 0.3062,
0.3189

■ 83.8074, 0.3766,
0.4295

■ 92.0548, 0.3062,
0.3197

■ 82.6660, 0.3904,
0.4507


■ 92.5585, 0.3061,
0.3205


 81.6766, 0.4024,
0.4688

 93.0645, 0.3061,
0.3213

 80.8273, 0.4121,
0.4831


 93.5726, 0.3061,
0.3221


 80.1045, 0.4192,
0.4930

 94.0831, 0.3061,
0.3230

 79.4917, 0.4235,
0.4985

 94.5958, 0.3061,
0.3238

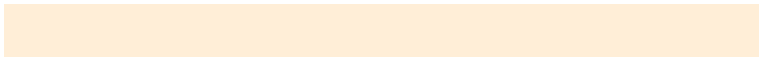
 79.0541, 0.4255,
0.5004

 95.1108, 0.3061,
0.3246

Harmonies

Analogous

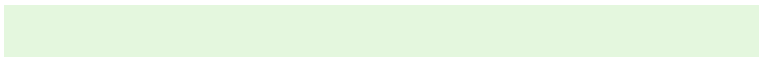
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.2406, 0.3415, 0.3525



88.2406, 0.3306, 0.3574



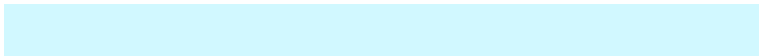
88.2406, 0.3151, 0.3544

Triad

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



88.2406, 0.3306, 0.3574



88.2406, 0.2819, 0.3152



88.2406, 0.3260, 0.3147

Complementary

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



88.2406, 0.3306, 0.3574



70.0941, 0.2939, 0.2989

Split Complementary

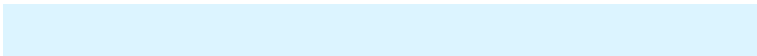
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.2406, 0.3097, 0.3053



88.2406, 0.3306, 0.3574



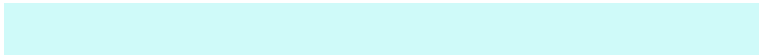
88.2406, 0.2846, 0.3052

Square

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



88.2406, 0.3306, 0.3574



88.2406, 0.2872, 0.3294



88.2406, 0.2946, 0.3017



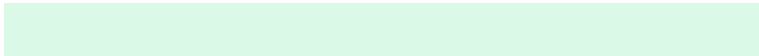
88.2406, 0.3389, 0.3278

Rectangle

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



88.2406, 0.3306, 0.3574



88.2406, 0.3043, 0.3481



88.2406, 0.2946, 0.3017



88.2406, 0.3207, 0.3110

Sweetspot

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



88.2445, 0.3306, 0.3574



99.1396, 0.3187, 0.3384



72.8241, 0.3331, 0.3276



21.1862, 0.3198, 0.3402



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.



88.2445, 0.3306, 0.3574



97.1394, 0.3339, 0.3627



86.5845, 0.3217, 0.3592



19.2114, 0.3269, 0.3516



43.0318, 0.4254, 0.5005



3.8118, 0.4245, 0.5011

Inverse Universe

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



70.0941, 0.2939, 0.2989



73.7822, 0.2902, 0.2929



71.6448, 0.3029, 0.2987



16.0168, 0.2979, 0.3054



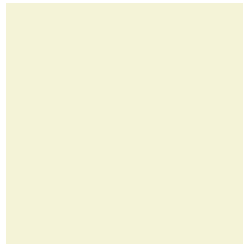
3.6887, 0.1506, 0.0621



0.3554, 0.1521, 0.0674

Previews

White Background



This preview shows how the Yxy color 88.2406, 0.3306, 0.3574 looks on a white background.

Color Contrast Check

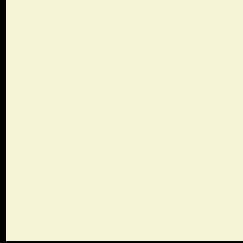
Large Text (above 18pt) WCAG AA × Fail

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 88.2406, 0.3306, 0.3574 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

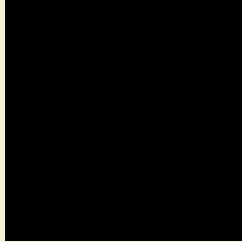
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

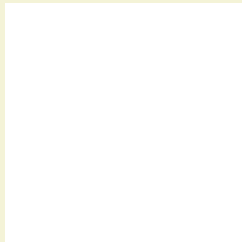
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.2406, 0.3306, 0.3574

Background



This preview shows how black text looks on a background with the Yxy color 88.2406, 0.3306, 0.3574.

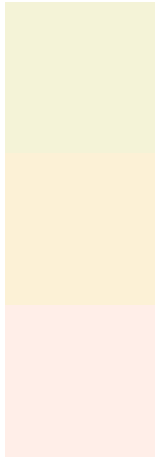


This preview shows how white text looks on a background with the Yxy color 88.2406, 0.3306, 0.3574.

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

88.2406, 0.3306, 0.3574

Protanopia

88.4611, 0.3370, 0.3560

Deuteranopia

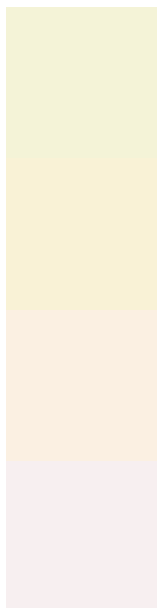
88.2353, 0.3279, 0.3349



Tritanopia

87.9281, 0.3096, 0.3115

Trichromacy



Original Color

88.2406, 0.3306, 0.3574

Protanomaly

88.4990, 0.3348, 0.3572

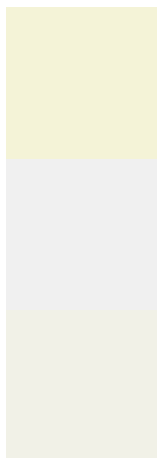
Deuteranomaly

88.3204, 0.3288, 0.3430

Tritanomaly

87.7984, 0.3174, 0.3280

Monochromacy



Original Color

88.2406, 0.3306, 0.3574

Achromatopsia

87.1367, 0.3127, 0.3290

Achromatomaly

87.3809, 0.3188, 0.3391

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.2406, 0.3306, 0.3574 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(244, 243, 215)` looks like.

```
.text, #text, p{  
    color:rgb(244, 243, 215)  
}
```

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(244, 243, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 243, 215) }
```

Border

The CSS property to change the border of an element to Yxy 88.2406, 0.3306, 0.3574 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(244, 243, 215) }
```

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

```
.border{ border-color:rgb(244, 243, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 243, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 243, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 243, 215);  
box-shadow:4px 4px 4px 4px rgb(244, 243,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 88.2406, 0.3306, 0.3574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 243, 215) }
```

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

```
.background{ background-color: rgb(244,  
243, 215) }
```

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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