

Converting Colors

$Yxy(88.6608, 0.3482, 0.3726)$

Have a look what the booklet for
Yxy(88.6608, 0.3482, 0.3726)
contains.

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Color

Yxy(88.6523, 0.3485, 0.3730)

Conversions

Conversions Part 1

Format	Color
Hex	FEF2C6
RGB	254, 242, 198
RGB Percent	100%, 95%, 78%
CMY	0.0038, 0.0510, 0.2234
CMYK	0.00, 0.05, 0.22, 0.00
HSL	47°, 97%, 89%
HSV	47°, 22%, 100%
XYZ	82.8293, 88.6523, 66.1921
YIQ	240.5720, 21.2760, -11.1400

Conversions

Conversions Part 2

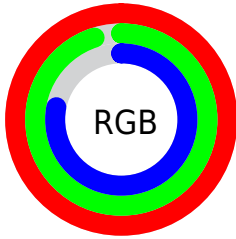
Format	Color
RYB	213, 254, 198
Decimal	16708294
CIELab	95.43, -2.74, 22.70
CIElCh	95, 22.868, 96.873
Yxy	88.6523, 0.3485, 0.3730
Android (android.graphics.Color)	4294898374 (0xFFFEF2C6)
YUV	240.5720, -20.9880, 11.7764
Hunter-Lab	94.1554, -7.7438, 24.2273

Details

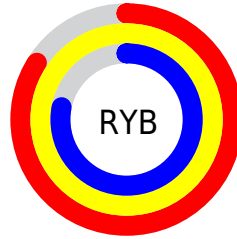
The Yxy color **88.6523, 0.3485, 0.3730** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **65.2964, 0.2763, 0.2808**, and the grayscale version is **87.7716, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.0017, 0.3562, 0.3826** is the 20% darker color. If you saturate the color by 10%, you get **84.3784, 0.3663, 0.3935**, and if you desaturate by 10%, it is **93.2278, 0.3316, 0.3526**.

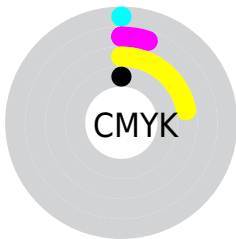
Distribution



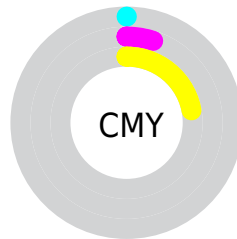
- Red (100%)
- Green (95%)
- Blue (78%)



- Red (84%)
- Yellow (100%)
- Blue (78%)



- Cyan (0%)
- Magenta (5%)
- Yellow (22%)
- Black (0%)




- Cyan (0%)
- Magenta (5%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.6523, 0.3485, 0.3730 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 88.6523, 0.3485, 0.3730 by changing the saturation by 10% instead.

 88.6523, 0.3485,
0.3730

 88.6523, 0.3485,
0.3730

523.6370, 0.3326,
0.3533

 66.8634, 0.3520,
0.3773


145.4650, 0.3431,
0.3663

 48.9736, 0.3561,
0.3826


181.2575, 0.3410,
0.3637

 34.5986, 0.3613,
0.3891


222.4868, 0.3392,
0.3614

 23.3538, 0.3678,
0.3974

269.5371, 0.3375,
0.3593

 14.8550, 0.3761,
0.4083

322.7929, 0.3361,
0.3576

 8.7177, 0.3873,
0.4230

382.6385, 0.3348,

 4.5575, 0.4027,

0.3560

0.4438

449.4584, 0.3337,
0.3546

■ 1.9900, 0.4401,
0.4923

■ 0.6017, 0.4564,
0.5436

■ 88.6523, 0.3485,
0.3730

■ 88.6523, 0.3485,
0.3730

■ 84.3784, 0.3663,
0.3935

■ 93.2278, 0.3316,
0.3526

■ 80.3836, 0.3846,
0.4134

■ 98.1029, 0.3158,
0.3329

■ 76.6603, 0.4026,
0.4318

■ 99.8165, 0.3121,
0.3290

■ 73.1960, 0.4198,
0.4476

■ 69.9766, 0.4352,
0.4598

■ 66.9863, 0.4482,
0.4674

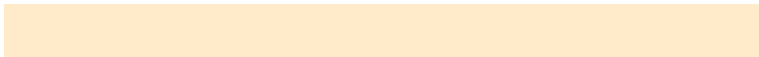
■ 64.2058, 0.4582,
0.4703

■ 62.1208, 0.4642,
0.4696

Harmonies

Analogous

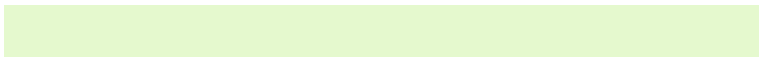
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.6523, 0.3622, 0.3605



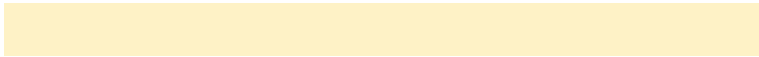
88.6523, 0.3485, 0.3730



88.6523, 0.3254, 0.3734

Triad

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



88.6523, 0.3485, 0.3730



88.6523, 0.2656, 0.3140



88.6523, 0.3246, 0.3003

Complementary

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



88.6523, 0.3485, 0.3730



65.2964, 0.2763, 0.2808

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.



88.6523, 0.2985, 0.2886



88.6523, 0.3485, 0.3730



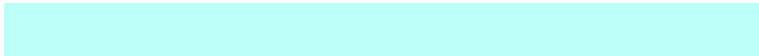
88.6523, 0.2653, 0.2954

Square

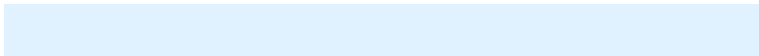
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.6523, 0.3485, 0.3730



88.6523, 0.2779, 0.3381



88.6523, 0.2771, 0.2866



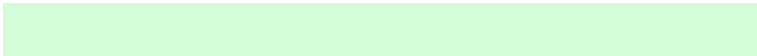
88.6523, 0.3483, 0.3190

Rectangle

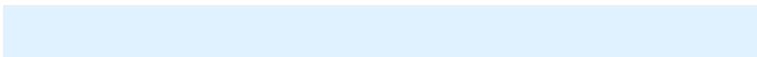
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.6523, 0.3485, 0.3730



88.6523, 0.3080, 0.3661



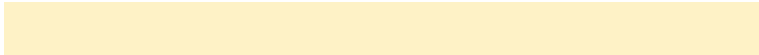
88.6523, 0.2771, 0.2866



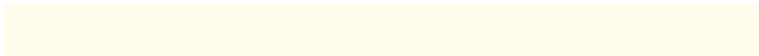
88.6523, 0.3158, 0.2955

Sweetspot

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



88.6563, 0.3485, 0.3730



96.4796, 0.3235, 0.3426



66.1422, 0.3482, 0.3166



20.5872, 0.3244, 0.3438



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

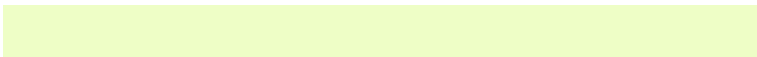
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.6563, 0.3485, 0.3730



87.6834, 0.3555, 0.3812



93.1872, 0.3355, 0.3862



20.3890, 0.3274, 0.3475



32.9670, 0.4633, 0.4703



3.3669, 0.4573, 0.4751

Inverse Universe

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



65.2964, 0.2763, 0.2808



60.6891, 0.2691, 0.2708



61.8431, 0.2862, 0.2690



18.0105, 0.2979, 0.3098



5.3659, 0.1561, 0.0819



0.6735, 0.1616, 0.1016

Previews

White Background



This preview shows how the Yxy color 88.6523, 0.3485, 0.3730 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 88.6523, 0.3485, 0.3730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

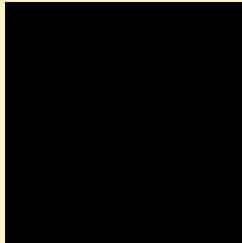
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 88.6523, 0.3485, 0.3730

Background



This preview shows how black text looks on a background with the Yxy color 88.6523, 0.3485, 0.3730.



This preview shows how white text looks on a background with the Yxy color 88.6523, 0.3485, 0.3730.

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

88.6523, 0.3485, 0.3730

Protanopia

88.3876, 0.3475, 0.3690

Deuteranopia

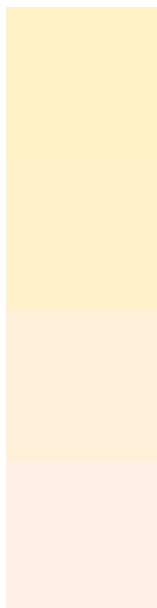
88.6501, 0.3297, 0.3389



Tritanopia

88.6679, 0.3172, 0.3174

Trichromacy



Original Color

88.6523, 0.3485, 0.3730

Protanomaly

88.3407, 0.3481, 0.3700

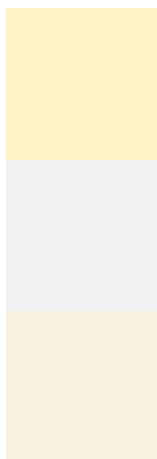
Deuteranomaly

88.6421, 0.3366, 0.3508

Tritanomaly

88.7062, 0.3291, 0.3379

Monochromacy



Original Color

88.6523, 0.3485, 0.3730

Achromatopsia

87.9622, 0.3127, 0.3290

Achromatomaly

87.9397, 0.3259, 0.3451

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.6523, 0.3485, 0.3730 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, 242, 198)` looks like.

```
.text, #text, p{  
    color:rgb(254, 242, 198)  
}
```

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, 242, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 242, 198) }
```

Border

The CSS property to change the border of an element to Yxy 88.6523, 0.3485, 0.3730 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, 242, 198) }
```

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

```
.border{ border-color:rgb(254, 242, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 242, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(254, 242, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(254, 242, 198); box-shadow:4px 4px 4px 4px rgb(254, 242, 198) }
```


Background

The CSS property to change the background color of an element to Yxy 88.6523, 0.3485, 0.3730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 242, 198) }
```

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

```
.background{ background-color: rgb(254,  
242, 198) }
```

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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