

Converting Colors

$Yxy(85.0624, 0.3296, 0.3558)$

Have a look what the booklet for
Yxy(85.0624, 0.3296, 0.3558)
contains.

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Color

Yxy(85.0624, 0.3296, 0.3558)

Conversions

Conversions Part 1

Format	Color
Hex	F0EFD5
RGB	240, 239, 213
RGB Percent	94%, 94%, 84%
CMY	0.0590, 0.0627, 0.1647
CMYK	0.00, 0.00, 0.11, 0.06
HSL	58°, 47%, 89%
HSV	58°, 11%, 94%
XYZ	78.7987, 85.0624, 75.2126
YIQ	236.3350, 8.9420, -7.8740

Conversions

Conversions Part 2

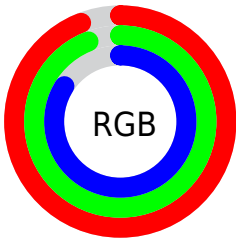
Format	Color
RYB	214, 240, 213
Decimal	15790037
CIELab	93.91, -4.04, 12.70
CIElCh	94, 13.330, 107.640
Yxy	85.0624, 0.3296, 0.3558
Android (android.graphics.Color)	4293980117 (0xFFFF0EFD5)
YUV	236.3350, -11.5042, 3.2142
Hunter-Lab	92.2293, -8.8948, 16.2098

Details

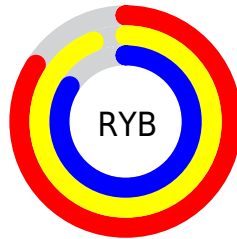
The Yxy color $85.0624, 0.3296, 0.3558$ is a light color, and the websafe version is hex `FFFFCC`. A complement of this color would be $68.4892, 0.2950, 0.3007$, and the grayscale version is $84.2326, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $46.5259, 0.3337, 0.3622$ is the 20% darker color. If you saturate the color by 10%, you get $83.4531, 0.3451, 0.3803$, and if you desaturate by 10%, it is $86.8616, 0.3145, 0.3319$.

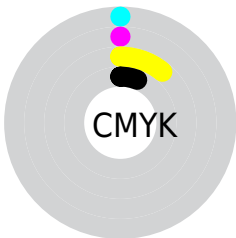
Distribution



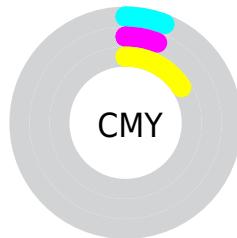
- Red (94%)
- Green (94%)
- Blue (84%)



- Red (84%)
- Yellow (94%)
- Blue (84%)



- Cyan (0%)
- Magenta (0%)
- Yellow (11%)
- Black (6%)





- Cyan (6%)
- Magenta (6%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 85.0624, 0.3296, 0.3558 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 85.0624, 0.3296, 0.3558 by changing the saturation by 10% instead.

 85.0624, 0.3296,
0.3558

 85.0624, 0.3296,
0.3558


511.8345, 0.3221,
0.3436

 63.8929, 0.3313,
0.3585


140.4604, 0.3270,
0.3516

 46.5640, 0.3333,
0.3619


175.4576, 0.3260,
0.3500

 32.6911, 0.3358,
0.3660


215.8330, 0.3251,
0.3486

 21.8899, 0.3390,
0.3714

261.9708, 0.3244,
0.3473

 13.7760, 0.3433,
0.3786

314.2555, 0.3237,
0.3463

 7.9651, 0.3491,
0.3888

373.0714, 0.3231,

 4.0726, 0.3576,

0.3453

0.4040

438.8029, 0.3225,
0.3444

■ 1.7143, 0.3717,
0.4303

■ 0.4329, 0.4195,
0.5805

■ 85.0624, 0.3296,
0.3558

■ 85.0624, 0.3296,
0.3558

■ 83.4531, 0.3451,
0.3803

■ 86.8616, 0.3145,
0.3319

■ 82.0148, 0.3606,
0.4046

■ 88.4554, 0.3037,
0.3148


■ 80.7425, 0.3757,
0.4279

■ 88.9453, 0.3037,
0.3157


■ 79.6272, 0.3896,
0.4493


■ 89.4374, 0.3037,
0.3165

 78.6587, 0.4017,
0.4676


 89.9318, 0.3037,
0.3173


 77.8258, 0.4116,
0.4822

 90.4284, 0.3037,
0.3181


 77.1155, 0.4188,
0.4924

 90.9272, 0.3036,
0.3189

 76.5123, 0.4234,
0.4982

 91.4283, 0.3036,
0.3198

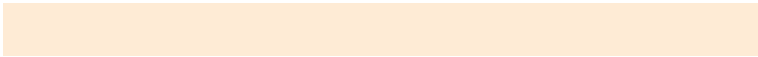
 76.0497, 0.4255,
0.5003

 91.9316, 0.3036,
0.3206

Harmonies

Analogous

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



85.0624, 0.3399, 0.3512



85.0624, 0.3296, 0.3558



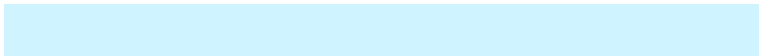
85.0624, 0.3149, 0.3529

Triad

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



85.0624, 0.3296, 0.3558



85.0624, 0.2835, 0.3160



85.0624, 0.3253, 0.3155

Complementary

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



85.0624, 0.3296, 0.3558



68.4892, 0.2950, 0.3007

Split Complementary

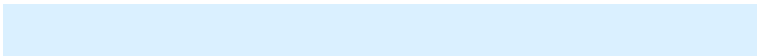
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.0624, 0.3099, 0.3066



85.0624, 0.3296, 0.3558



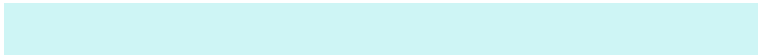
85.0624, 0.2861, 0.3065

Square

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



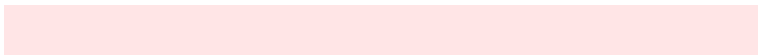
85.0624, 0.3296, 0.3558



85.0624, 0.2886, 0.3294



85.0624, 0.2956, 0.3032



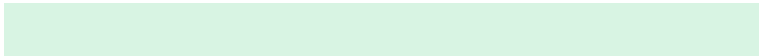
85.0624, 0.3374, 0.3279

Rectangle

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



85.0624, 0.3296, 0.3558



85.0624, 0.3047, 0.3470



85.0624, 0.2956, 0.3032



85.0624, 0.3203, 0.3120

Sweetspot

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



85.0661, 0.3296, 0.3558



99.3489, 0.3172, 0.3361



70.9758, 0.3319, 0.3276



21.2282, 0.3184, 0.3380



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.



85.0661, 0.3296, 0.3558



97.3190, 0.3324, 0.3602



83.5597, 0.3212, 0.3574



18.3601, 0.3269, 0.3515



41.6926, 0.4254, 0.5004



3.4975, 0.4246, 0.5011

Inverse Universe

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



68.4892, 0.2950, 0.3007



75.4973, 0.2919, 0.2958



69.9027, 0.3034, 0.3004



15.3160, 0.2979, 0.3054



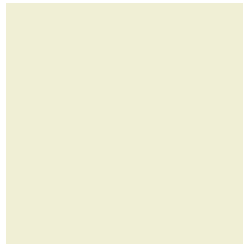
3.5813, 0.1506, 0.0622



0.3285, 0.1522, 0.0678

Previews

White Background



This preview shows how the Yxy color 85.0624, 0.3296, 0.3558 looks on a white background.

Color Contrast Check

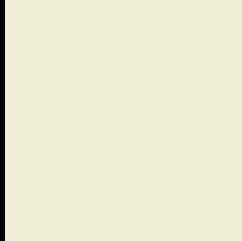
Large Text (above 18pt) WCAG AA × Fail

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 85.0624, 0.3296, 0.3558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

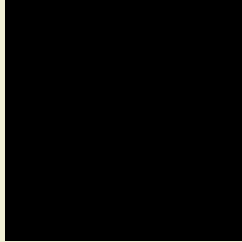
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

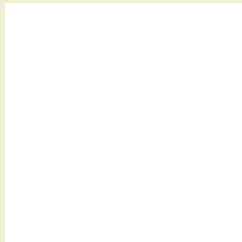
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 85.0624, 0.3296, 0.3558

Background



This preview shows how black text looks on a background with the Yxy color 85.0624, 0.3296, 0.3558.

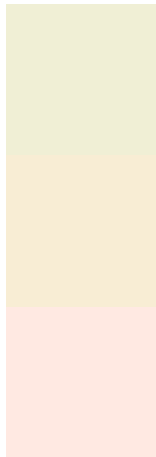


This preview shows how white text looks on a background with the Yxy color 85.0624, 0.3296, 0.3558.

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

85.0624, 0.3296, 0.3558

Protanopia

85.2783, 0.3361, 0.3544

Deuteranopia

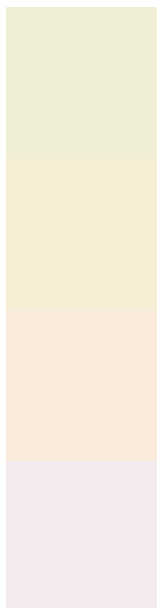
85.0288, 0.3323, 0.3360



Tritanopia

84.7186, 0.3089, 0.3102

Trichromacy



Original Color

85.0624, 0.3296, 0.3558

Protanomaly

85.3150, 0.3339, 0.3555

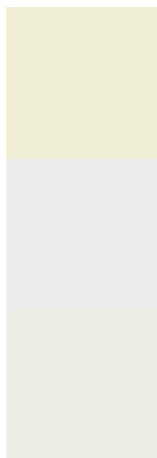
Deuteranomaly

84.9611, 0.3319, 0.3431

Tritanomaly

84.6444, 0.3162, 0.3260

Monochromacy



Original Color

85.0624, 0.3296, 0.3558

Achromatopsia

83.8799, 0.3127, 0.3290

Achromatomaly

84.1743, 0.3183, 0.3382

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.0624, 0.3296, 0.3558 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(240, 239, 213)` looks like.

```
.text, #text, p{  
    color:rgb(240, 239, 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(240, 239, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 239, 213) }
```

Border

The CSS property to change the border of an element to Yxy 85.0624, 0.3296, 0.3558 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(240, 239, 213) }
```

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

```
.border{ border-color:rgb(240, 239, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 239, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 239, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 239, 213);  
box-shadow:4px 4px 4px 4px rgb(240, 239,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 85.0624, 0.3296, 0.3558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 239, 213) }
```

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

```
.background{ background-color: rgb(240,  
239, 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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