

Converting Colors

$Y_{xy}(84.1104, 0.3445, 0.3580)$

Have a look what the booklet for
Yxy(84.1104, 0.3445, 0.3580)
contains.

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Color

Yxy(84.1361, 0.3447, 0.3583)

Conversions

Conversions Part 1

Format	Color
Hex	FDEACD
RGB	253, 234, 205
RGB Percent	99%, 92%, 80%
CMY	0.0080, 0.0823, 0.1960
CMYK	0.00, 0.07, 0.19, 0.01
HSL	36°, 92%, 90%
HSV	36°, 19%, 99%
XYZ	80.9425, 84.1361, 69.7416
YIQ	236.3750, 20.6330, -4.9910

Conversions

Conversions Part 2

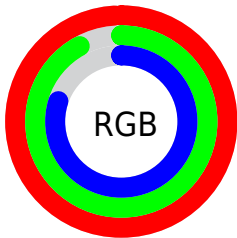
Format	Color
R _Y B	236, 253, 205
Decimal	16640717
CIE Lab	93.51, 1.91, 16.41
CIE LCh	94, 16.519, 83.367
Yxy	84.1361, 0.3447, 0.3583
Android (android.graphics.Color)	4294830797 (0xFFFDEACD)
YUV	236.3750, -15.4679, 14.5801
Hunter-Lab	91.7257, -3.0043, 19.1282

Details

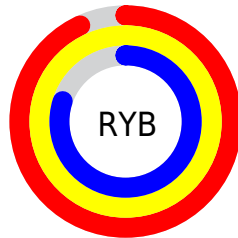
The Yxy color **84.1361, 0.3447, 0.3583** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **73.3655, 0.2824, 0.2979**, and the grayscale version is **84.2923, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **45.8109, 0.3517, 0.3640** is the 20% darker color. If you saturate the color by 10%, you get **77.4816, 0.3643, 0.3746**, and if you desaturate by 10%, it is **91.3169, 0.3270, 0.3425**.

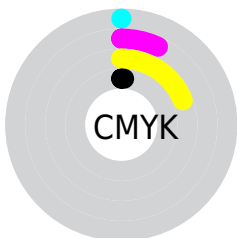
Distribution



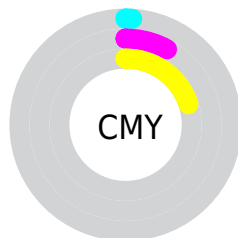
- Red (99%)
- Green (92%)
- Blue (80%)



- Red (93%)
- Yellow (99%)
- Blue (80%)



- Cyan (0%)
- Magenta (7%)
- Yellow (19%)
- Black (1%)





- Cyan (1%)
- Magenta (8%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 84.1361, 0.3447, 0.3583 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 84.1361, 0.3447, 0.3583 by changing the saturation by 10% instead.

 84.1361, 0.3447,
0.3583

 84.1361, 0.3447,
0.3583


508.7651, 0.3303,
0.3452

 63.1278, 0.3479,
0.3612


139.1655, 0.3398,
0.3538

 45.9446, 0.3518,
0.3647


173.9555, 0.3378,
0.3521

 32.2021, 0.3567,
0.3691


214.1081, 0.3361,
0.3505

 21.5159, 0.3630,
0.3747


260.0078, 0.3347,
0.3492

 13.5016, 0.3713,
0.3821

312.0389, 0.3334,
0.3480

 7.7749, 0.3828,
0.3921

370.5859, 0.3322,

 3.9512, 0.3996,

0.3470

0.4067

436.0332, 0.3312,
0.3460

■ 1.6463, 0.4347,
0.4374

■ 0.3885, 0.5170,
0.4830

■ 84.1361, 0.3447,
0.3583

■ 84.1361, 0.3447,
0.3583

■ 77.4816, 0.3643,
0.3746

■ 91.3169, 0.3270,
0.3425

■ 71.3273, 0.3857,
0.3907

■ 98.9873, 0.3115,
0.3281

■ 65.6615, 0.4085,
0.4060

■ 99.6163, 0.3115,
0.3290

■ 60.4674, 0.4319,
0.4194

■ 55.7267, 0.4551,
0.4296

■ 51.4194, 0.4768,
0.4355

■ 47.5225, 0.4956,
0.4363

■ 44.0049, 0.5110,
0.4318

■ 43.6554, 0.5125,
0.4312

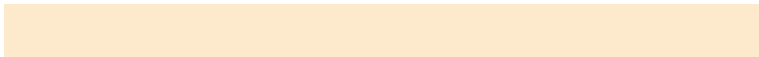
Harmonies

Analogous

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



84.1361, 0.3503, 0.3464



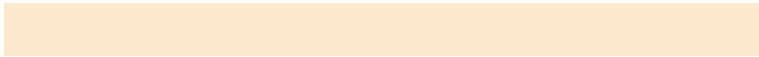
84.1361, 0.3447, 0.3583



84.1361, 0.3304, 0.3625

Triad

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



84.1361, 0.3447, 0.3583



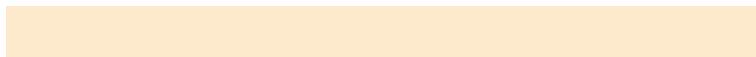
84.1361, 0.2809, 0.3260



84.1361, 0.3129, 0.3029

Complementary

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



84.1361, 0.3447, 0.3583



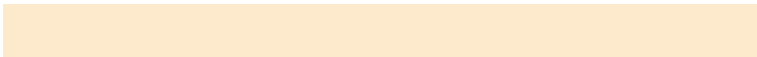
73.3655, 0.2824, 0.2979

Split Complementary

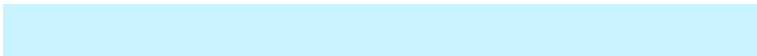
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.1361, 0.2945, 0.2973



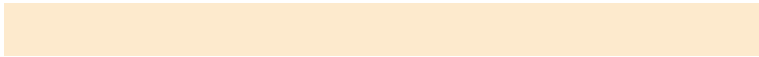
84.1361, 0.3447, 0.3583



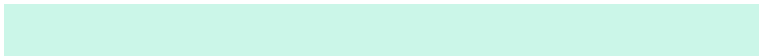
84.1361, 0.2765, 0.3099

Square

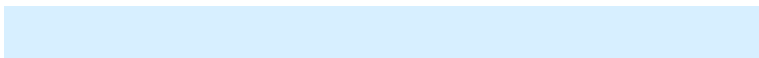
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.1361, 0.3447, 0.3583



84.1361, 0.2936, 0.3435



84.1361, 0.2814, 0.2997



84.1361, 0.3317, 0.3149

Rectangle

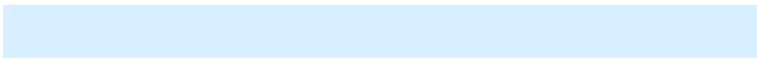
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84.1361, 0.3447, 0.3583



84.1361, 0.3181, 0.3600



84.1361, 0.2814, 0.2997



84.1361, 0.3064, 0.3002

Sweetspot

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



84.1399, 0.3447, 0.3583



95.2559, 0.3221, 0.3380



69.9401, 0.3356, 0.3096



20.2807, 0.3232, 0.3390



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.



84.1399, 0.3447, 0.3583



82.8737, 0.3524, 0.3649



94.6257, 0.3382, 0.3769



19.8151, 0.3279, 0.3434



23.5224, 0.5106, 0.4328



2.5036, 0.4974, 0.4433

Inverse Universe

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



73.3655, 0.2824, 0.2979



69.9425, 0.2755, 0.2903



64.4352, 0.2844, 0.2773



18.5555, 0.2979, 0.3142



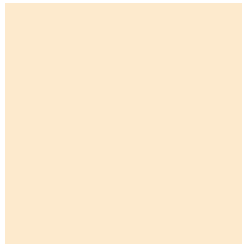
8.8845, 0.1679, 0.1245



1.0710, 0.1741, 0.1468

Previews

White Background



This preview shows how the Yxy color 84.1361, 0.3447, 0.3583 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 84.1361, 0.3447, 0.3583 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

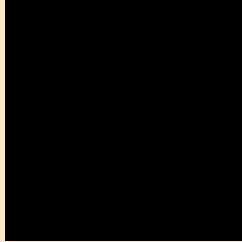
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 84.1361, 0.3447, 0.3583

Background



This preview shows how black text looks on a background with the Yxy color 84.1361, 0.3447, 0.3583.



This preview shows how white text looks on a background with the Yxy color 84.1361, 0.3447, 0.3583.

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

84.1361, 0.3447, 0.3583

Protanopia

84.4036, 0.3402, 0.3596

Deuteranopia

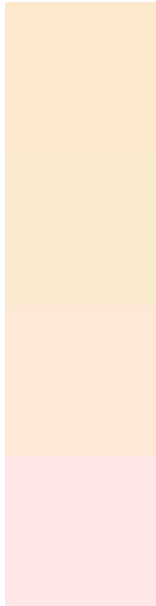
84.1937, 0.3358, 0.3400



Tritanopia

83.8912, 0.3203, 0.3134

Trichromacy



Original Color

84.1361, 0.3447, 0.3583

Protanomaly

84.1969, 0.3418, 0.3585

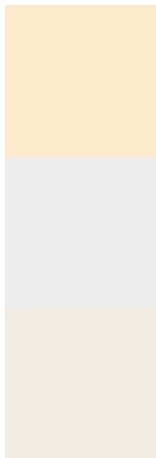
Deuteranomaly

84.2550, 0.3389, 0.3471

Tritanomaly

83.9358, 0.3292, 0.3300

Monochromacy



Original Color

84.1361, 0.3447, 0.3583

Achromatopsia

83.8799, 0.3127, 0.3290

Achromatomaly

83.7301, 0.3238, 0.3392

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.1361, 0.3447, 0.3583 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(253, 234, 205)` looks like.

```
.text, #text, p{  
    color:rgb(253, 234, 205)  
}
```

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(253, 234, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 234, 205) }
```

Border

The CSS property to change the border of an element to Yxy 84.1361, 0.3447, 0.3583 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(253, 234, 205) }
```

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

```
.border{ border-color:rgb(253, 234, 205) }
```

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

Here you see how a box with a 4 pixel rgb(253, 234, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 234, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 234, 205);  
box-shadow:4px 4px 4px 4px rgb(253, 234,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 84.1361, 0.3447, 0.3583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 234, 205) }
```

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

```
.background{ background-color: rgb(253,  
234, 205) }
```

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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