

Converting Colors

$Yxy(84.8067, 0.3501, 0.3678)$

Have a look what the booklet for
Yxy(84.8067, 0.3501, 0.3678)
contains.

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Color

Yxy(85.0930, 0.3504, 0.3683)

Conversions

Conversions Part 1

Format	Color
Hex	FEECC5
RGB	254, 236, 197
RGB Percent	100%, 93%, 77%
CMY	0.0038, 0.0745, 0.2274
CMYK	0.00, 0.07, 0.22, 0.00
HSL	41°, 97%, 88%
HSV	41°, 22%, 100%
XYZ	80.9573, 85.0930, 64.9923
YIQ	236.9360, 23.2470, -8.3130

Conversions

Conversions Part 2

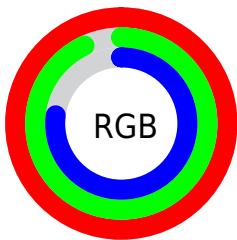
Format	Color
R _Y B	223, 254, 197
Decimal	16706757
CIE Lab	93.92, 0.15, 21.13
CIE LCh	94, 21.128, 89.582
Yxy	85.0930, 0.3504, 0.3683
Android (android.graphics.Color)	4294896837 (0xFFFECC5)
YUV	236.9360, -19.6884, 14.9651
Hunter-Lab	92.2459, -4.7741, 22.7990

Details

The Yxy color **85.0930, 0.3504, 0.3683** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **67.6628, 0.2761, 0.2863**, and the grayscale version is **84.7836, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.9358, 0.3133, 0.3300**, and **46.4960, 0.3590, 0.3767** is the 20% darker color. If you saturate the color by 10%, you get **79.5037, 0.3696, 0.3865**, and if you desaturate by 10%, it is **91.0946, 0.3326, 0.3503**.

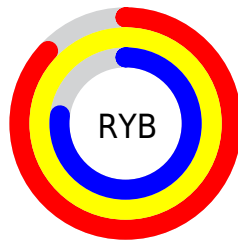
Distribution



Red (100%)

Green (93%)

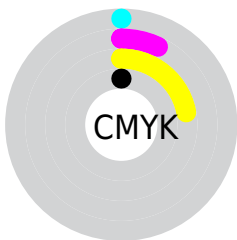
Blue (77%)



Red (87%)

Yellow (100%)

Blue (77%)

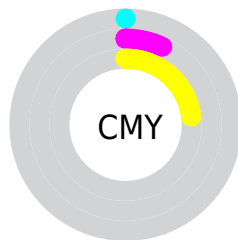


Cyan (0%)

Magenta (7%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (7%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 85.0930, 0.3504, 0.3683 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 85.0930, 0.3504, 0.3683 by changing the saturation by 10% instead.


 85.0930, 0.3504,
0.3683

 85.0930, 0.3504,
0.3683

511.9358, 0.3335,
0.3507

 63.9182, 0.3541,
0.3722


140.5031, 0.3446,
0.3623

 46.5844, 0.3587,
0.3769


175.5072, 0.3424,
0.3599

 32.7073, 0.3643,
0.3828


215.8899, 0.3404,
0.3579

 21.9023, 0.3714,
0.3902

262.0356, 0.3387,
0.3561

 13.7851, 0.3808,
0.3999

314.3286, 0.3371,
0.3545

 7.9714, 0.3936,
0.4132

373.1534, 0.3358,

 4.0766, 0.4116,

0.3531

0.4319

438.8943, 0.3346,
0.3518

■ 1.7165, 0.4606,
0.4828

■ 0.4343, 0.4896,
0.5104

■ 85.0930, 0.3504,
0.3683

■ 85.0930, 0.3504,
0.3683

■ 79.5037, 0.3696,
0.3865

■ 91.0946, 0.3326,
0.3503

■ 74.3025, 0.3899,
0.4042

■ 97.5086, 0.3164,
0.3331

■ 69.4800, 0.4107,
0.4206

■ 99.8172, 0.3121,
0.3290

■ 65.0215, 0.4313,
0.4346

■ 60.9109, 0.4506,
0.4449

■ 57.1301, 0.4677,
0.4507

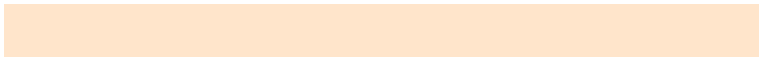
■ 53.6576, 0.4817,
0.4513

■ 51.2156, 0.4904,
0.4488

Harmonies

Analogous

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



85.0930, 0.3604, 0.3546



85.0930, 0.3504, 0.3683



85.0930, 0.3304, 0.3716

Triad

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



85.0930, 0.3504, 0.3683



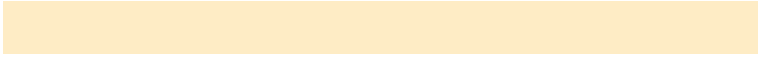
85.0930, 0.2703, 0.3202



85.0930, 0.3179, 0.2987

Complementary

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



85.0930, 0.3504, 0.3683



67.6628, 0.2761, 0.2863

Split Complementary

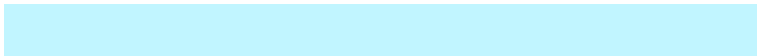
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.0930, 0.2939, 0.2897



85.0930, 0.3504, 0.3683



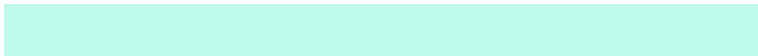
85.0930, 0.2672, 0.3011

Square

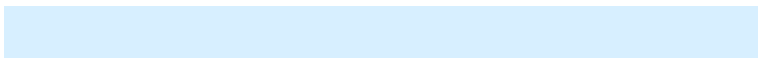
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.0930, 0.3504, 0.3683



85.0930, 0.2844, 0.3430



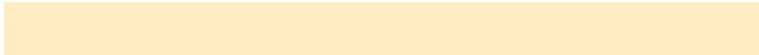
85.0930, 0.2757, 0.2903



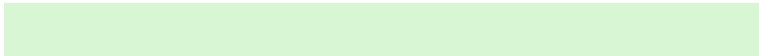
85.0930, 0.3412, 0.3150

Rectangle

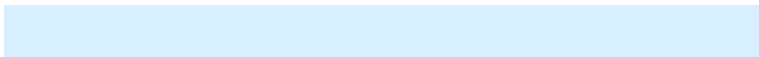
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.0930, 0.3504, 0.3683



85.0930, 0.3143, 0.3668



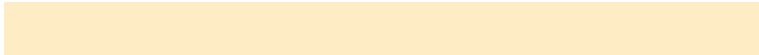
85.0930, 0.2757, 0.2903



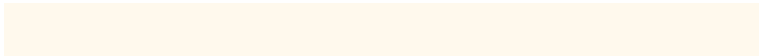
85.0930, 0.3096, 0.2947

Sweetspot

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



85.0968, 0.3504, 0.3683



95.3524, 0.3236, 0.3408



65.9293, 0.3445, 0.3106



20.3257, 0.3246, 0.3419



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

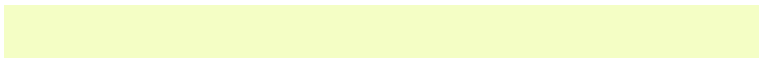
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.0968, 0.3504, 0.3683



83.2111, 0.3590, 0.3766



94.0956, 0.3397, 0.3865



20.0643, 0.3277, 0.3452



27.2705, 0.4889, 0.4500



2.8517, 0.4790, 0.4579

Inverse Universe

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



67.6628, 0.2761, 0.2863



62.7581, 0.2680, 0.2763



60.4335, 0.2817, 0.2671



18.3157, 0.2979, 0.3123



7.0585, 0.1620, 0.1033



0.8737, 0.1682, 0.1254

Previews

White Background



This preview shows how the Yxy color 85.0930, 0.3504, 0.3683 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 85.0930, 0.3504, 0.3683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

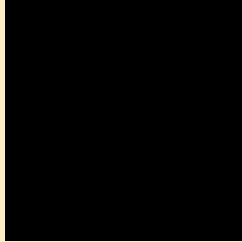
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 85.0930, 0.3504, 0.3683

Background



This preview shows how black text looks on a background with the Yxy color 85.0930, 0.3504, 0.3683.



This preview shows how white text looks on a background with the Yxy color 85.0930, 0.3504, 0.3683.

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

85.0930, 0.3504, 0.3683

Protanopia

85.1548, 0.3474, 0.3686

Deuteranopia

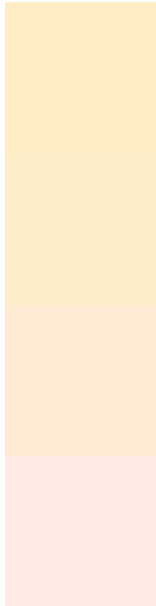
85.3261, 0.3355, 0.3420



Tritanopia

85.0044, 0.3202, 0.3154

Trichromacy



Original Color

85.0930, 0.3504, 0.3683

Protanomaly

85.3410, 0.3481, 0.3685

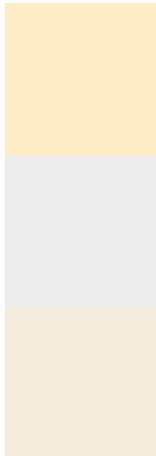
Deuteranomaly

85.4301, 0.3413, 0.3520

Tritanomaly

85.1393, 0.3310, 0.3340

Monochromacy



Original Color

85.0930, 0.3504, 0.3683

Achromatopsia

84.6873, 0.3127, 0.3290

Achromatomaly

84.8970, 0.3262, 0.3443

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.0930, 0.3504, 0.3683 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, 236, 197)` looks like.

```
.text, #text, p{  
    color:rgb(254, 236, 197)  
}
```

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, 236, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 236, 197) }
```

Border

The CSS property to change the border of an element to Yxy 85.0930, 0.3504, 0.3683 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, 236, 197) }
```

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

```
.border{ border-color:rgb(254, 236, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 236, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 236, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 236, 197);  
box-shadow:4px 4px 4px 4px rgb(254, 236,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 85.0930, 0.3504, 0.3683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 236, 197) }
```

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

```
.background{ background-color: rgb(254,  
236, 197) }
```

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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