

Converting Colors

$Yxy(85.6811, 0.3451, 0.3606)$

Have a look what the booklet for
Yxy(85.6811, 0.3451, 0.3606)
contains.

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Color

Yxy(85.4695, 0.3451, 0.3602)

Conversions

Conversions Part 1

Format	Color
Hex	FEECCD
RGB	254, 236, 205
RGB Percent	100%, 93%, 80%
CMY	0.0039, 0.0745, 0.1961
CMYK	0.00, 0.07, 0.19, 0.00
HSL	38°, 96%, 90%
HSV	38°, 19%, 100%
XYZ	81.8865, 85.4695, 69.9274
YIQ	237.8480, 20.6790, -5.8250

Conversions

Conversions Part 2

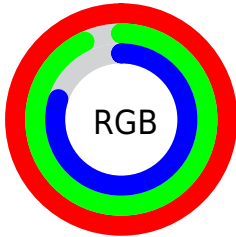
Format	Color
R_{YB}	233, 254, 205
Decimal	16706765
CIE _{Lab}	94.09, 1.26, 17.25
CIE _{LCh}	94, 17.294, 85.812
Yxy	85.4695, 0.3451, 0.3602
Android (android.graphics.Color)	4294896845 (0xFFFECCD)
YUV	237.8480, -16.1941, 14.1653
Hunter-Lab	92.4497, -3.6822, 19.8688

Details

The Yxy color $85.4695, 0.3451, 0.3602$ is a light color, and the websafe version is hex `FFFFCC`. A complement of this color would be $72.8964, 0.2817, 0.2957$, and the grayscale version is $85.4937, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $46.7472, 0.3521, 0.3663$ is the 20% darker color. If you saturate the color by 10%, you get $79.1144, 0.3645, 0.3772$, and if you desaturate by 10%, it is $92.3117, 0.3275, 0.3437$.

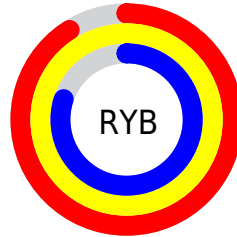
Distribution



Red (100%)

Green (93%)

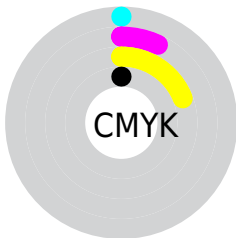
Blue (80%)



Red (91%)

Yellow (100%)

Blue (80%)

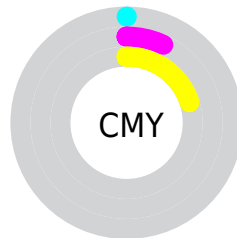


Cyan (0%)

Magenta (7%)

Yellow (19%)

Black (0%)



Cyan (0%)


Magenta (7%)


Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 85.4695, 0.3451, 0.3602 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 85.4695, 0.3451, 0.3602 by changing the saturation by 10% instead.


 85.4695, 0.3451,
0.3602

 85.4695, 0.3451,
0.3602

513.1803, 0.3305,
0.3462

 64.2294, 0.3483,
0.3633


141.0290, 0.3401,
0.3554

 46.8365, 0.3523,
0.3670

176.1171, 0.3382,
0.3536

 32.9064, 0.3571,
0.3717


216.5900, 0.3365,
0.3519

 22.0548, 0.3634,
0.3776

262.8321, 0.3350,
0.3505

 13.8971, 0.3717,
0.3854

315.2278, 0.3337,
0.3493

 8.0492, 0.3830,
0.3960

374.1615, 0.3325,

 4.1264, 0.3995,

0.3481

0.4112

440.0175, 0.3315,
0.3471

■ 1.7445, 0.4329,
0.4424

■ 0.4522, 0.5046,
0.4954

■ 85.4695, 0.3451,
0.3602

■ 85.4695, 0.3451,
0.3602

■ 79.1144, 0.3645,
0.3772

■ 92.3117, 0.3275,
0.3437

■ 73.2212, 0.3854,
0.3940

99.5920, 0.3121,
0.3287

■ 67.7788, 0.4074,
0.4098

99.8112, 0.3121,
0.3290

■ 62.7716, 0.4299,
0.4237

■ 58.1822, 0.4519,
0.4343

■ 53.9916, 0.4721,
0.4407

■ 50.1776, 0.4895,
0.4418

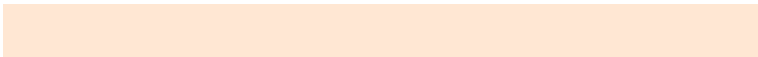
■ 46.7092, 0.5035,
0.4380

■ 46.4765, 0.5045,
0.4376

Harmonies

Analogous

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



85.4695, 0.3518, 0.3483



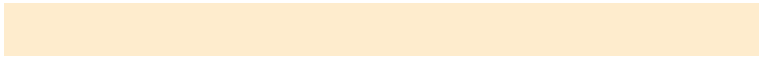
85.4695, 0.3451, 0.3602



85.4695, 0.3296, 0.3639

Triad

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



85.4695, 0.3451, 0.3602



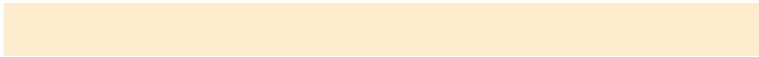
85.4695, 0.2789, 0.3243



85.4695, 0.3145, 0.3027

Complementary

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



85.4695, 0.3451, 0.3602



72.8964, 0.2817, 0.2957

Split Complementary

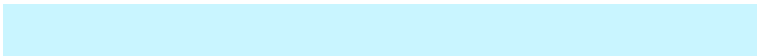
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.4695, 0.2952, 0.2962



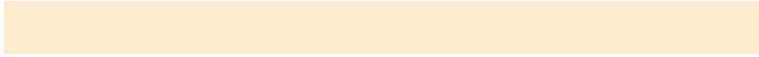
85.4695, 0.3451, 0.3602



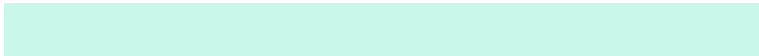
85.4695, 0.2751, 0.3079

Square

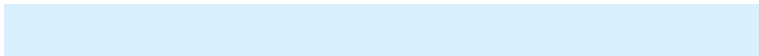
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.4695, 0.3451, 0.3602



85.4695, 0.2915, 0.3427



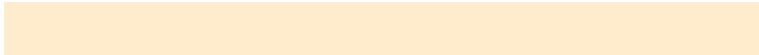
85.4695, 0.2809, 0.2979



85.4695, 0.3339, 0.3156

Rectangle

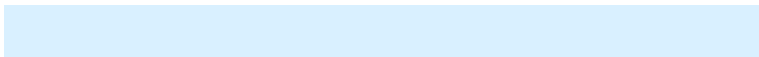
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.4695, 0.3451, 0.3602



85.4695, 0.3167, 0.3607



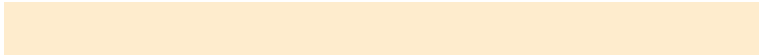
85.4695, 0.2809, 0.2979



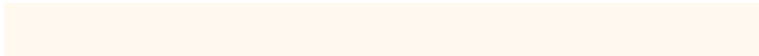
85.4695, 0.3078, 0.2997

Sweetspot

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



85.4733, 0.3451, 0.3602



95.5221, 0.3221, 0.3384



70.0956, 0.3367, 0.3100



20.3437, 0.3231, 0.3394



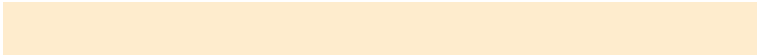
0.0000, 0.0000, 0.0000



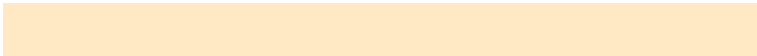
21.4041, 0.3127, 0.3290

Same Dimension

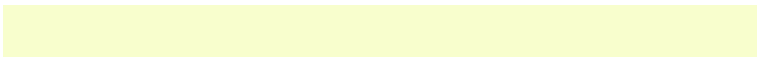
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.4733, 0.3451, 0.3602



83.8056, 0.3521, 0.3665



95.3001, 0.3381, 0.3778



19.9037, 0.3278, 0.3440



24.7938, 0.5027, 0.4390



2.6227, 0.4907, 0.4486

Inverse Universe

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



72.8964, 0.2817, 0.2957



69.0835, 0.2754, 0.2885



64.6157, 0.2844, 0.2763



18.4696, 0.2979, 0.3135



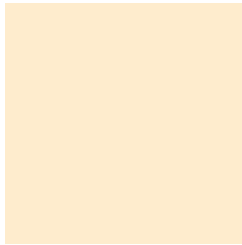
8.1790, 0.1657, 0.1165



0.9962, 0.1719, 0.1390

Previews

White Background



This preview shows how the Yxy color 85.4695, 0.3451, 0.3602 looks on a white background.

Color Contrast Check

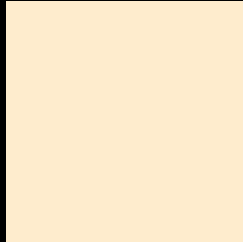
Large Text (above 18pt) WCAG AA × Fail

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 85.4695, 0.3451, 0.3602 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

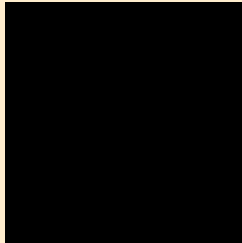
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 85.4695, 0.3451, 0.3602

Background



This preview shows how black text looks on a background with the Yxy color 85.4695, 0.3451, 0.3602.

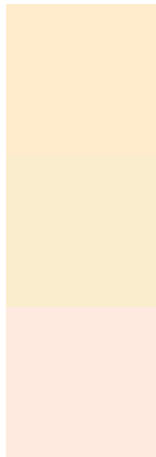


This preview shows how white text looks on a background with the Yxy color 85.4695, 0.3451, 0.3602.

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

85.4695, 0.3451, 0.3602

Protanopia

85.3486, 0.3414, 0.3604

Deuteranopia

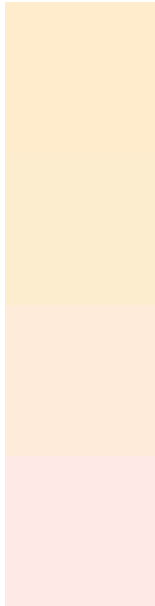
85.4875, 0.3335, 0.3390



Tritanopia

85.6270, 0.3194, 0.3154

Trichromacy



Original Color

85.4695, 0.3451, 0.3602

Protanomaly

85.5338, 0.3421, 0.3603

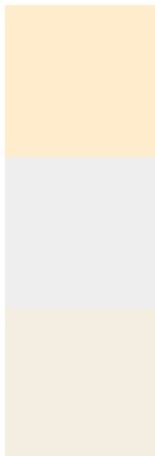
Deuteranomaly

85.6864, 0.3380, 0.3470

Tritanomaly

85.3073, 0.3291, 0.3310

Monochromacy



Original Color

85.4695, 0.3451, 0.3602

Achromatopsia

85.4993, 0.3127, 0.3290

Achromatomaly

85.2925, 0.3243, 0.3402

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.4695, 0.3451, 0.3602 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, 205)` looks like.

```
.text, #text, p{  
    color:rgb(254, 236, 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(254, 236, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 236, 205) }
```

Border

The CSS property to change the border of an element to Yxy 85.4695, 0.3451, 0.3602 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, 205) }
```

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

```
.border{ border-color:rgb(254, 236, 205) }
```

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, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 236, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 236, 205);  
box-shadow:4px 4px 4px 4px rgb(254, 236,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 85.4695, 0.3451, 0.3602 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, 205) }
```

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

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