

Converting Colors

Yxy(85.9348, 0.3341, 0.3408)

Have a look what the booklet for
Yxy(85.9348, 0.3341, 0.3408)
contains.

Yxy(86.0044, 0.3341, 0.3410)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(86.0044, 0.3341, 0.3410)

Conversions

Conversions Part 1

Format	Color
Hex	FFEBDF
RGB	255, 235, 223
RGB Percent	100%, 92%, 87%
CMY	0.0000, 0.0784, 0.1256
CMYK	0.00, 0.08, 0.13, 0.00
HSL	23°, 100%, 94%
HSV	23°, 13%, 100%
XYZ	84.2641, 86.0044, 81.9438
YIQ	239.6120, 15.7720, 0.5080

Conversions

Conversions Part 2

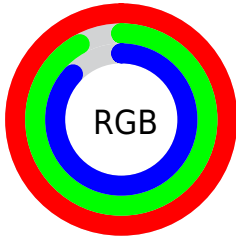
Format	Color
R_{YB}	255, 242, 223
Decimal	16772063
CIE _{Lab}	94.31, 4.84, 8.28
CIE _{LCh}	94, 9.586, 59.702
Yxy	86.0044, 0.3341, 0.3410
Android (android.graphics.Color)	4294962143 (0xFFFFE8BDF)
YUV	239.6120, -8.1897, 13.4953
Hunter-Lab	92.7386, -0.1038, 12.5284

Details

The Yxy color **86.0044, 0.3341, 0.3410** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **86.9755, 0.2931, 0.3167**, and the grayscale version is **86.8745, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.0731, 0.3387, 0.3430** is the 20% darker color. If you saturate the color by 10%, you get **76.0262, 0.3544, 0.3512**, and if you desaturate by 10%, it is **97.0110, 0.3167, 0.3314**.

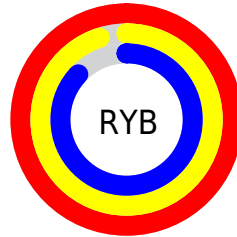
Distribution



Red (100%)

Green (92%)

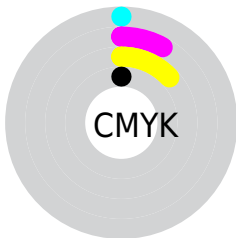
Blue (87%)



Red (100%)

Yellow (95%)

Blue (87%)

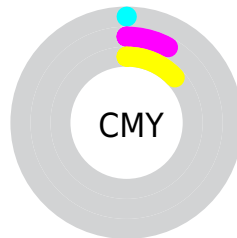


Cyan (0%)

Magenta (8%)

Yellow (13%)

Black (0%)



Cyan (0%)


Magenta (8%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 86.0044, 0.3341, 0.3410 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 86.0044, 0.3341, 0.3410 by changing the saturation by 10% instead.

 86.0044, 0.3341,
0.3410

 86.0044, 0.3341,
0.3410


514.9457, 0.3245,
0.3357

 64.6716, 0.3362,
0.3422


141.7756, 0.3308,
0.3392

 47.1949, 0.3389,
0.3436


176.9829, 0.3295,
0.3385

 33.1897, 0.3422,
0.3453


217.5837, 0.3284,
0.3379

 22.2718, 0.3464,
0.3475

263.9625, 0.3274,
0.3373

 14.0568, 0.3520,
0.3504

316.5037, 0.3265,
0.3368

 8.1602, 0.3599,
0.3544

375.5918, 0.3258,

 4.1976, 0.3717,

0.3364

0.3602

441.6109, 0.3251,
0.3360

■ 1.7847, 0.3913,
0.3691

■ 0.4776, 0.5450,
0.4550

■ 86.0044, 0.3341,
0.3410

■ 86.0044, 0.3341,
0.3410

■ 76.0262, 0.3544,
0.3512

■ 97.0110, 0.3167,
0.3314

■ 67.0366, 0.3781,
0.3616

100.0000, 0.3127,
0.3290

■ 59.0066, 0.4052,
0.3719

■ 51.9023, 0.4356,
0.3811

■ 45.6874, 0.4685,
0.3883

■ 40.3232, 0.5023,
0.3921

■ 35.7672, 0.5347,
0.3914

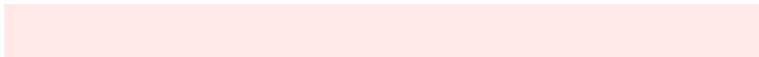
■ 31.9719, 0.5626,
0.3853

■ 29.6042, 0.5797,
0.3779

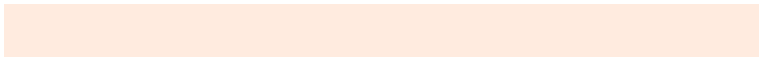
Harmonies

Analogous

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



86.0044, 0.3326, 0.3322



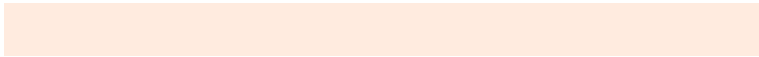
86.0044, 0.3341, 0.3410



86.0044, 0.3298, 0.3468

Triad

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



86.0044, 0.3341, 0.3410



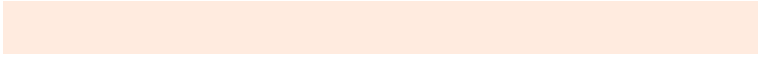
86.0044, 0.2998, 0.3353



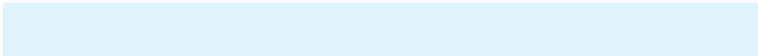
86.0044, 0.3044, 0.3108

Complementary

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



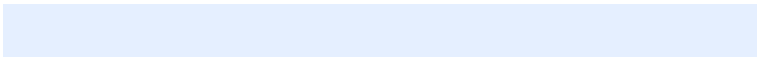
86.0044, 0.3341, 0.3410



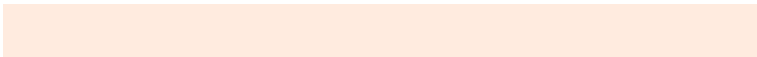
86.9755, 0.2931, 0.3167

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.



86.0044, 0.2958, 0.3113



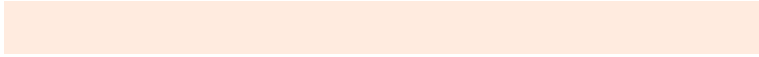
86.0044, 0.3341, 0.3410



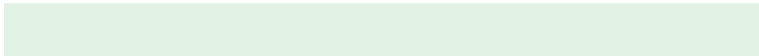
86.0044, 0.2932, 0.3253

Square

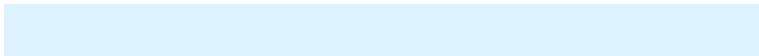
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.0044, 0.3341, 0.3410



86.0044, 0.3099, 0.3437



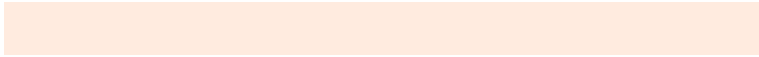
86.0044, 0.2918, 0.3166



86.0044, 0.3153, 0.3150

Rectangle

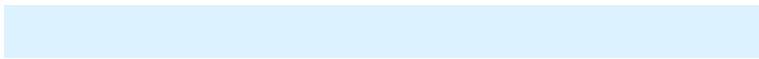
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86.0044, 0.3341, 0.3410



86.0044, 0.3242, 0.3482



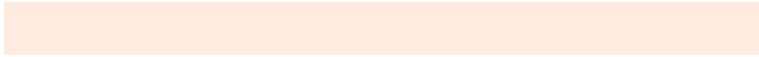
86.0044, 0.2918, 0.3166



86.0044, 0.3011, 0.3104

Sweetspot

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



86.0075, 0.3341, 0.3410



95.3665, 0.3191, 0.3327



80.5018, 0.3219, 0.3091



20.2299, 0.3203, 0.3334



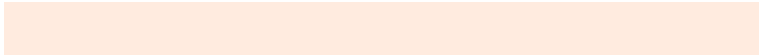
0.0000, 0.0000, 0.0000



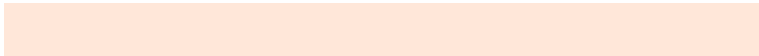
21.4041, 0.3127, 0.3290

Same Dimension

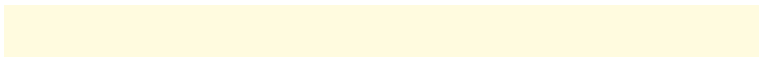
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.0075, 0.3341, 0.3410



83.4827, 0.3388, 0.3434



95.4105, 0.3321, 0.3562



19.1061, 0.3285, 0.3380



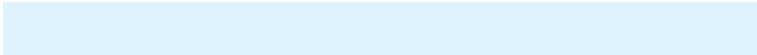
15.7321, 0.5767, 0.3803



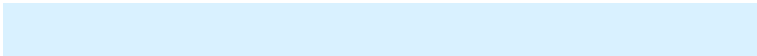
1.7337, 0.5554, 0.3972

Inverse Universe

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



86.9755, 0.2931, 0.3167



84.6179, 0.2893, 0.3141



77.9685, 0.2927, 0.3003



19.2663, 0.2979, 0.3198



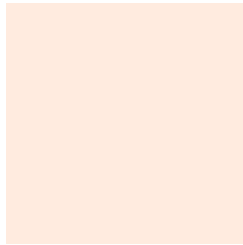
17.0470, 0.1891, 0.2006



1.8701, 0.1936, 0.2168

Previews

White Background



This preview shows how the Yxy color 86.0044, 0.3341, 0.3410 looks on a white background.

Color Contrast Check

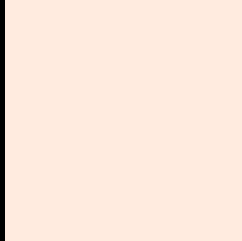
Large Text (above 18pt) WCAG AA × Fail

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 86.0044, 0.3341, 0.3410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

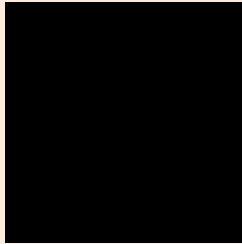
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 86.0044, 0.3341, 0.3410

Background



This preview shows how black text looks on a background with the Yxy color 86.0044, 0.3341, 0.3410.

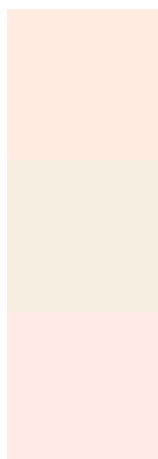


This preview shows how white text looks on a background with the Yxy color 86.0044, 0.3341, 0.3410.

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

86.0044, 0.3341, 0.3410

Protanopia

86.1237, 0.3269, 0.3432

Deuteranopia

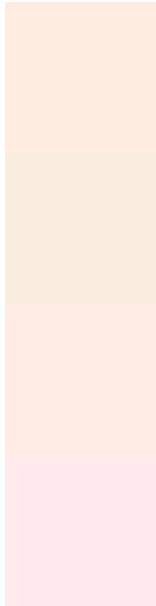
85.8752, 0.3290, 0.3320



Tritanopia

86.2532, 0.3187, 0.3154

Trichromacy



Original Color

86.0044, 0.3341, 0.3410

Protanomaly

86.0899, 0.3290, 0.3421

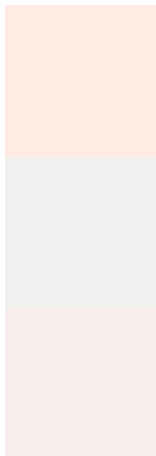
Deuteranomaly

85.7071, 0.3309, 0.3350

Tritanomaly

86.2787, 0.3244, 0.3251

Monochromacy



Original Color

86.0044, 0.3341, 0.3410

Achromatopsia

87.1367, 0.3127, 0.3290

Achromatomaly

86.5021, 0.3199, 0.3330

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.0044, 0.3341, 0.3410 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(255, 235, 223)` looks like.

```
.text, #text, p{  
    color:rgb(255, 235, 223)  
}
```

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(255, 235, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 235, 223) }
```

Border

The CSS property to change the border of an element to Yxy 86.0044, 0.3341, 0.3410 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(255, 235, 223) }
```

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

```
.border{ border-color:rgb(255, 235, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 235, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 235, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 235, 223);  
box-shadow:4px 4px 4px 4px rgb(255, 235,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 86.0044, 0.3341, 0.3410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 235, 223) }
```

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

```
.background{ background-color: rgb(255,  
235, 223) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor