

Converting Colors

$Yxy(86.2577, 0.3362, 0.3513)$

Have a look what the booklet for
Yxy(86.2577, 0.3362, 0.3513)
contains.

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Color

Yxy(85.9839, 0.3362, 0.3511)

Conversions

Conversions Part 1

Format	Color
Hex	FBEDD7
RGB	251, 237, 215
RGB Percent	98%, 93%, 84%
CMY	0.0157, 0.0706, 0.1567
CMYK	0.00, 0.06, 0.14, 0.02
HSL	37°, 82%, 91%
HSV	37°, 14%, 98%
XYZ	82.3349, 85.9839, 76.5798
YIQ	238.6780, 15.4060, -3.8740

Conversions

Conversions Part 2

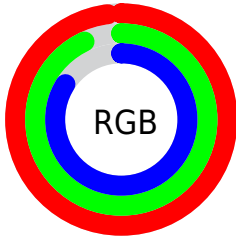
Format	Color
R _Y B	238, 251, 215
Decimal	16510423
CIE Lab	94.31, 1.18, 12.32
CIE LCh	94, 12.377, 84.531
Yxy	85.9839, 0.3362, 0.3511
Android (android.graphics.Color)	4294700503 (0xFFFBEDD7)
YUV	238.6780, -11.6733, 10.8064
Hunter-Lab	92.7275, -3.7788, 15.9441

Details

The Yxy color **85.9839, 0.3362, 0.3511** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **77.4749, 0.2901, 0.3059**, and the grayscale version is **86.1401, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.0551, 0.3414, 0.3561** is the 20% darker color. If you saturate the color by 10%, you get **79.2930, 0.3549, 0.3673**, and if you desaturate by 10%, it is **93.1883, 0.3194, 0.3355**.

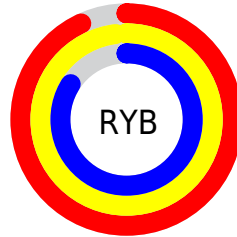
Distribution



Red (98%)

Green (93%)

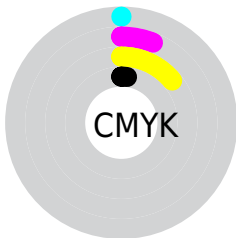
Blue (84%)



Red (93%)

Yellow (98%)

Blue (84%)

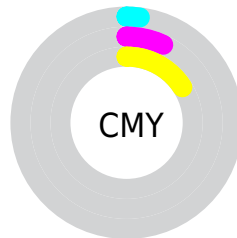


Cyan (0%)

Magenta (6%)

Yellow (14%)

Black (2%)



Cyan (2%)


Magenta (7%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 85.9839, 0.3362, 0.3511 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 85.9839, 0.3362, 0.3511 by changing the saturation by 10% instead.


 85.9839, 0.3362,
0.3511

 85.9839, 0.3362,
0.3511


514.8781, 0.3256,
0.3412

 64.6547, 0.3385,
0.3533


141.7470, 0.3326,
0.3477

 47.1811, 0.3414,
0.3559


176.9497, 0.3312,
0.3464

 33.1789, 0.3450,
0.3593


217.5456, 0.3299,
0.3452

 22.2635, 0.3495,
0.3635

263.9192, 0.3289,
0.3442

 14.0506, 0.3556,
0.3691

316.4549, 0.3279,
0.3433

 8.1559, 0.3640,
0.3768

375.5370, 0.3271,

 4.1949, 0.3765,

0.3426

0.3882

441.5499, 0.3263,
0.3418

■ 1.7832, 0.3969,
0.4064

■ 0.4766, 0.5027,
0.4973

■ 85.9839, 0.3362,
0.3511

■ 85.9839, 0.3362,
0.3511

■ 79.2930, 0.3549,
0.3673

■ 93.1883, 0.3194,
0.3355

■ 73.0902, 0.3754,
0.3838

■ 99.2468, 0.3102,
0.3290

■ 67.3649, 0.3974,
0.3997

■ 62.1013, 0.4205,
0.4142

■ 57.2826, 0.4437,
0.4262

■ 52.8902, 0.4659,
0.4344

■ 48.9034, 0.4859,
0.4378

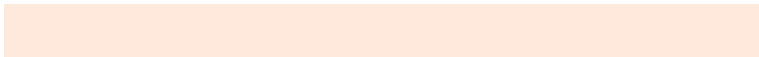
■ 45.2979, 0.5025,
0.4358

■ 43.4016, 0.5107,
0.4327

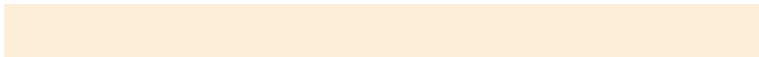
Harmonies

Analogous

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



85.9839, 0.3406, 0.3426



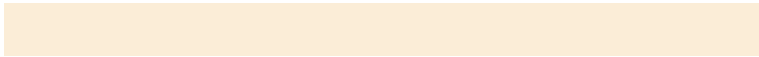
85.9839, 0.3362, 0.3511



85.9839, 0.3255, 0.3538

Triad

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



85.9839, 0.3362, 0.3511



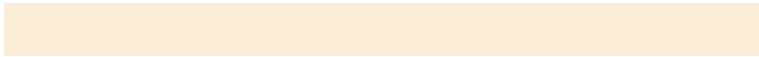
85.9839, 0.2887, 0.3264



85.9839, 0.3135, 0.3097

Complementary

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



85.9839, 0.3362, 0.3511



77.4749, 0.2901, 0.3059

Split Complementary

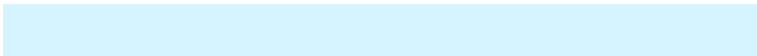
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.9839, 0.2997, 0.3053



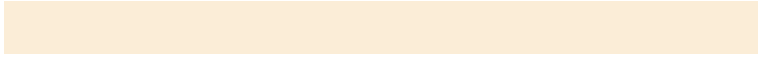
85.9839, 0.3362, 0.3511



85.9839, 0.2856, 0.3145

Square

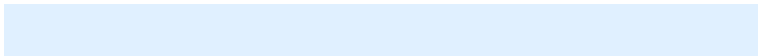
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.9839, 0.3362, 0.3511



85.9839, 0.2981, 0.3393



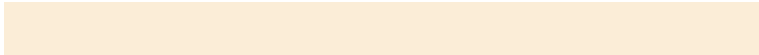
85.9839, 0.2896, 0.3069



85.9839, 0.3273, 0.3189

Rectangle

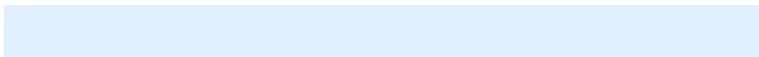
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.9839, 0.3362, 0.3511



85.9839, 0.3163, 0.3517



85.9839, 0.2896, 0.3069



85.9839, 0.3087, 0.3076

Sweetspot

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



85.9877, 0.3362, 0.3511



96.8546, 0.3189, 0.3350



74.8143, 0.3292, 0.3145



20.6063, 0.3201, 0.3361



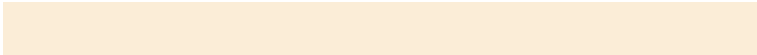
0.0000, 0.0000, 0.0000



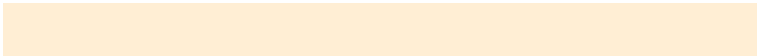
21.4041, 0.3127, 0.3290

Same Dimension

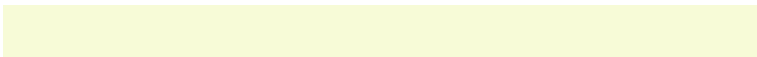
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.9877, 0.3362, 0.3511



87.2235, 0.3411, 0.3554



93.7410, 0.3319, 0.3649



18.9906, 0.3279, 0.3435



23.1077, 0.5088, 0.4342



2.3460, 0.4952, 0.4450

Inverse Universe

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



77.4749, 0.2901, 0.3059



76.9357, 0.2856, 0.3011



70.5957, 0.2920, 0.2910



17.7504, 0.2979, 0.3141



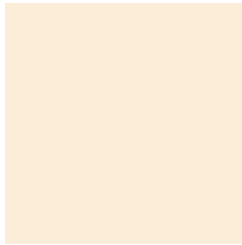
8.4806, 0.1675, 0.1228



0.9845, 0.1740, 0.1464

Previews

White Background



This preview shows how the Yxy color 85.9839, 0.3362, 0.3511 looks on a white background.

Color Contrast Check

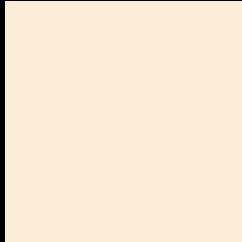
Large Text (above 18pt) WCAG AA × Fail

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 85.9839, 0.3362, 0.3511 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

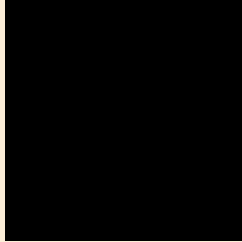
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

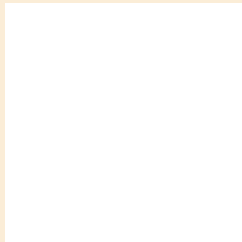
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 85.9839, 0.3362, 0.3511

Background



This preview shows how black text looks on a background with the Yxy color 85.9839, 0.3362, 0.3511.

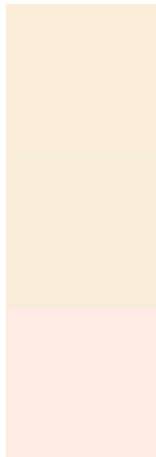


This preview shows how white text looks on a background with the Yxy color 85.9839, 0.3362, 0.3511.

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

85.9839, 0.3362, 0.3511

Protanopia

86.0118, 0.3340, 0.3523

Deuteranopia

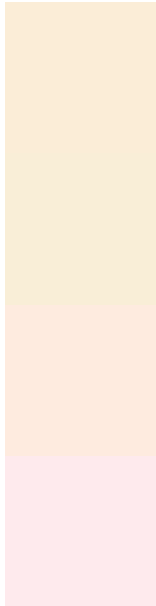
85.7071, 0.3309, 0.3350



Tritanopia

85.8754, 0.3169, 0.3115

Trichromacy



Original Color

85.9839, 0.3362, 0.3511

Protanomaly

86.1951, 0.3347, 0.3522

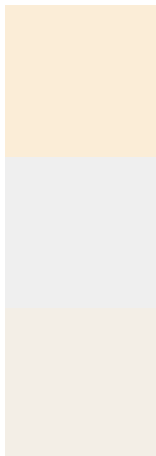
Deuteranomaly

85.8152, 0.3334, 0.3410

Tritanomaly

86.0309, 0.3244, 0.3261

Monochromacy



Original Color

85.9839, 0.3362, 0.3511

Achromatopsia

86.3157, 0.3127, 0.3290

Achromatomaly

85.9169, 0.3210, 0.3371

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.9839, 0.3362, 0.3511 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(251, 237, 215)` looks like.

```
.text, #text, p{  
    color:rgb(251, 237, 215)  
}
```

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(251, 237, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 237, 215) }
```

Border

The CSS property to change the border of an element to Yxy 85.9839, 0.3362, 0.3511 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(251, 237, 215) }
```

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

```
.border{ border-color:rgb(251, 237, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 237, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 237, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 237, 215);  
box-shadow:4px 4px 4px 4px rgb(251, 237,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 85.9839, 0.3362, 0.3511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 237, 215) }
```

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

```
.background{ background-color: rgb(251,  
237, 215) }
```

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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