

Converting Colors

$Yxy(86.7392, 0.3347, 0.3462)$

Have a look what the booklet for
Yxy(86.7392, 0.3347, 0.3462)
contains.

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Color

Yxy(86.6183, 0.3344, 0.3460)

Conversions

Conversions Part 1

Format	Color
Hex	FDEDDC
RGB	253, 237, 220
RGB Percent	99%, 93%, 86%
CMY	0.0078, 0.0706, 0.1373
CMYK	0.00, 0.06, 0.13, 0.01
HSL	31°, 89%, 93%
HSV	31°, 13%, 99%
XYZ	83.7143, 86.6183, 80.0093
YIQ	239.8460, 14.9930, -1.8950

Conversions

Conversions Part 2

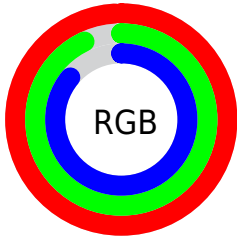
Format	Color
R _Y B	251, 253, 220
Decimal	16641500
CIE Lab	94.58, 2.66, 10.17
CIE LCh	95, 10.513, 75.342
Yxy	86.6183, 0.3344, 0.3460
Android (android.graphics.Color)	4294831580 (0xFFFEEDDC)
YUV	239.8460, -9.7841, 11.5361
Hunter-Lab	93.0690, -2.3122, 14.1780

Details

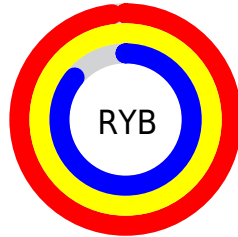
The Yxy color **86.6183, 0.3344, 0.3460** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.3036, 0.2922, 0.3114**, and the grayscale version is **87.0836, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.5001, 0.3390, 0.3495** is the 20% darker color. If you saturate the color by 10%, you get **78.5169, 0.3537, 0.3598**, and if you desaturate by 10%, it is **95.4165, 0.3175, 0.3329**.

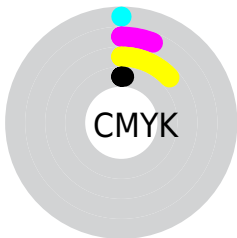
Distribution



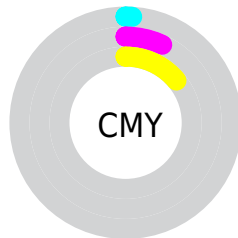
- Red (99%)
- Green (93%)
- Blue (86%)



- Red (98%)
- Yellow (99%)
- Blue (86%)



- Cyan (0%)
- Magenta (6%)
- Yellow (13%)
- Black (1%)





- Cyan (1%)
- Magenta (7%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 86.6183, 0.3344, 0.3460 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 86.6183, 0.3344, 0.3460 by changing the saturation by 10% instead.

 86.6183, 0.3344,
0.3460

 86.6183, 0.3344,
0.3460


516.9678, 0.3246,
0.3384

 65.1794, 0.3366,
0.3477


142.6320, 0.3311,
0.3434

 47.6065, 0.3392,
0.3497


177.9756, 0.3298,
0.3424

 33.5154, 0.3425,
0.3522


218.7228, 0.3286,
0.3415

 22.5216, 0.3468,
0.3554

265.2581, 0.3276,
0.3408

 14.2406, 0.3524,
0.3596

317.9658, 0.3267,
0.3401

 8.2882, 0.3602,
0.3655

377.2304, 0.3260,

 4.2799, 0.3719,

0.3395

0.3740

443.4363, 0.3253,
0.3389

■ 1.8314, 0.3909,
0.3874

■ 0.5066, 0.5189,
0.4811

■ 86.6183, 0.3344,
0.3460

■ 86.6183, 0.3344,
0.3460

■ 78.5169, 0.3537,
0.3598

■ 95.4165, 0.3175,
0.3329

■ 71.0821, 0.3754,
0.3738

■ 99.6263, 0.3115,
0.3290

■ 64.2981, 0.3994,
0.3876

■ 58.1438, 0.4253,
0.4002

■ 52.5970, 0.4524,
0.4105

■ 47.6334, 0.4794,
0.4172

■ 43.2263, 0.5045,
0.4191

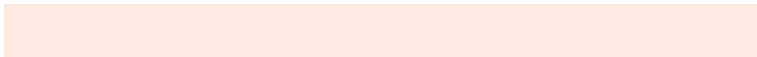
■ 39.3453, 0.5262,
0.4155

■ 36.9338, 0.5391,
0.4102

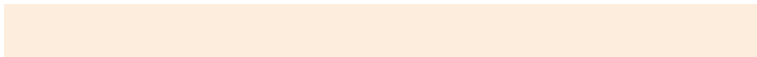
Harmonies

Analogous

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



86.6183, 0.3362, 0.3377



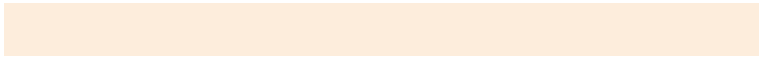
86.6183, 0.3344, 0.3460



86.6183, 0.3268, 0.3499

Triad

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



86.6183, 0.3344, 0.3460



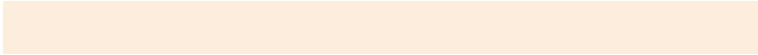
86.6183, 0.2943, 0.3302



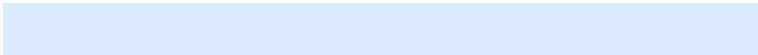
86.6183, 0.3096, 0.3109

Complementary

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



86.6183, 0.3344, 0.3460



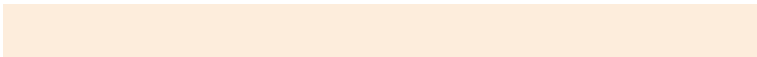
82.3036, 0.2922, 0.3114

Split Complementary

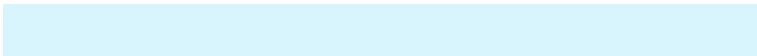
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.6183, 0.2986, 0.3087



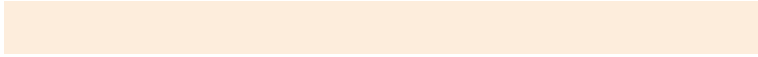
86.6183, 0.3344, 0.3460



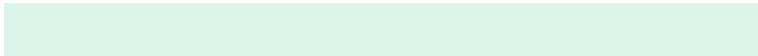
86.6183, 0.2899, 0.3196

Square

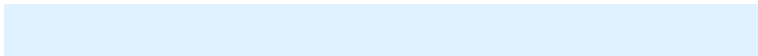
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.6183, 0.3344, 0.3460



86.6183, 0.3036, 0.3407



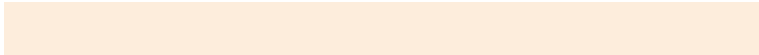
86.6183, 0.2914, 0.3118



86.6183, 0.3217, 0.3177

Rectangle

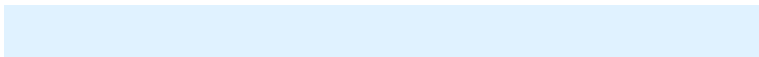
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86.6183, 0.3344, 0.3460



86.6183, 0.3194, 0.3493



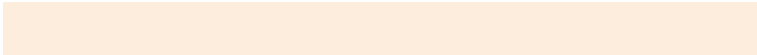
86.6183, 0.2914, 0.3118



86.6183, 0.3057, 0.3096

Sweetspot

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



86.6221, 0.3344, 0.3460



96.2446, 0.3190, 0.3341



78.1534, 0.3253, 0.3126



20.4519, 0.3202, 0.3350



0.0000, 0.0000, 0.0000



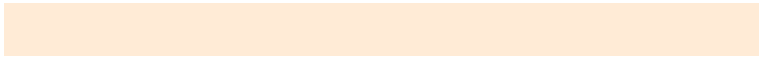
21.4041, 0.3127, 0.3290

Same Dimension

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



86.6221, 0.3344, 0.3460



85.6637, 0.3398, 0.3500



96.3161, 0.3323, 0.3614



19.5343, 0.3281, 0.3413



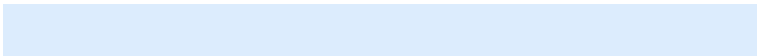
19.9373, 0.5366, 0.4121



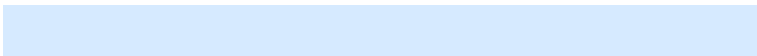
2.1600, 0.5196, 0.4256

Inverse Universe

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



82.3036, 0.2922, 0.3114



80.3848, 0.2875, 0.3070



73.4888, 0.2918, 0.2944



18.8319, 0.2979, 0.3164



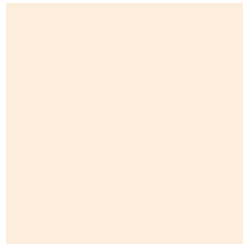
11.5582, 0.1757, 0.1524



1.3430, 0.1815, 0.1733

Previews

White Background



This preview shows how the Yxy color 86.6183, 0.3344, 0.3460 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 86.6183, 0.3344, 0.3460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

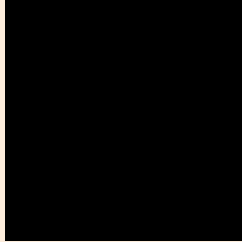
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 86.6183, 0.3344, 0.3460

Background



This preview shows how black text looks on a background with the Yxy color 86.6183, 0.3344, 0.3460.

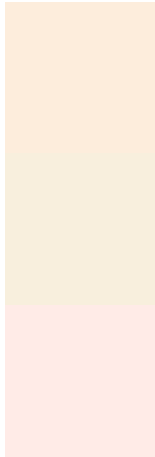


This preview shows how white text looks on a background with the Yxy color 86.6183, 0.3344, 0.3460.

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

86.6183, 0.3344, 0.3460

Protanopia

86.9099, 0.3300, 0.3471

Deuteranopia

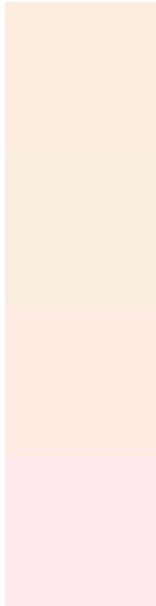
86.4462, 0.3289, 0.3330



Tritanopia

86.3774, 0.3175, 0.3135

Trichromacy



Original Color

86.6183, 0.3344, 0.3460

Protanomaly

86.6935, 0.3315, 0.3461

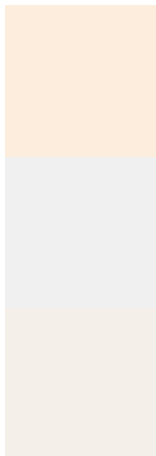
Deuteranomaly

86.6078, 0.3306, 0.3380

Tritanomaly

86.0895, 0.3237, 0.3251

Monochromacy



Original Color

86.6183, 0.3344, 0.3460

Achromatopsia

87.1367, 0.3127, 0.3290

Achromatomaly

87.0287, 0.3204, 0.3350

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.6183, 0.3344, 0.3460 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, 237, 220)` looks like.

```
.text, #text, p{  
    color:rgb(253, 237, 220)  
}
```

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, 237, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 237, 220) }
```

Border

The CSS property to change the border of an element to Yxy 86.6183, 0.3344, 0.3460 is called "border". The border property can be set on classes, ids or directly on the HTML element.

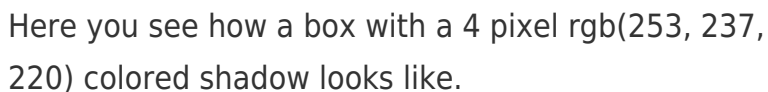
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(253, 237, 220) }
```

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

```
.border{ border-color:rgb(253, 237, 220) }
```

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



Here you see how a box with a 4 pixel `rgb(253, 237, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(253, 237, 220); -webkit-box-shadow:4px 4px 4px 4px rgb(253, 237, 220); box-shadow:4px 4px 4px 4px rgb(253, 237, 220) }
```


Background

The CSS property to change the background color of an element to Yxy 86.6183, 0.3344, 0.3460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 237, 220) }
```

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

```
.background{ background-color: rgb(253,  
237, 220) }
```

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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