

Converting Colors

$Yxy(86.2647, 0.3328, 0.3551)$

Have a look what the booklet for
Yxy(86.2647, 0.3328, 0.3551)
contains.

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Color

Yxy(86.0005, 0.3324, 0.3545)

Conversions

Conversions Part 1

Format	Color
Hex	F5EFD6
RGB	245, 239, 214
RGB Percent	96%, 94%, 84%
CMY	0.0395, 0.0626, 0.1608
CMYK	0.00, 0.02, 0.13, 0.04
HSL	49°, 61%, 90%
HSV	49°, 13%, 96%
XYZ	80.6391, 86.0005, 75.9570
YIQ	237.9440, 11.6010, -6.5030

Conversions

Conversions Part 2

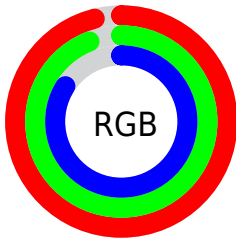
Format	Color
R _Y B	221, 245, 214
Decimal	16117718
CIE Lab	94.31, -2.15, 12.82
CIE LCh	94, 12.995, 99.506
Yxy	86.0005, 0.3324, 0.3545
Android (android.graphics.Color)	4294307798 (0xFFF5EFD6)
YUV	237.9440, -11.8044, 6.1881
Hunter-Lab	92.7365, -7.0739, 16.3533

Details

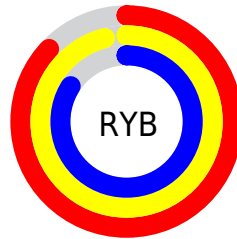
The Yxy color **86.0005, 0.3324, 0.3545** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **72.0057, 0.2927, 0.3021**, and the grayscale version is **85.5352, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.1890, 0.3374, 0.3604** is the 20% darker color. If you saturate the color by 10%, you get **82.1477, 0.3492, 0.3754**, and if you desaturate by 10%, it is **90.1196, 0.3167, 0.3342**.

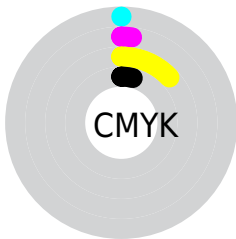
Distribution



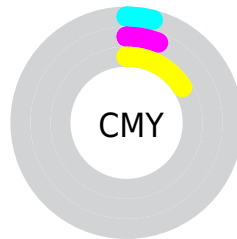
- Red (96%)
- Green (94%)
- Blue (84%)



- Red (87%)
- Yellow (96%)
- Blue (84%)



- Cyan (0%)
- Magenta (2%)
- Yellow (13%)
- Black (4%)




- Cyan (4%)
- Magenta (6%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 86.0005, 0.3324, 0.3545 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 86.0005, 0.3324, 0.3545 by changing the saturation by 10% instead.

 86.0005, 0.3324,
0.3545

 86.0005, 0.3324,
0.3545

514.9329, 0.3236,
0.3430

 64.6684, 0.3343,
0.3571


141.7702, 0.3294,
0.3506

 47.1922, 0.3367,
0.3602


176.9765, 0.3282,
0.3490

 33.1877, 0.3397,
0.3641


217.5764, 0.3272,
0.3477

 22.2702, 0.3434,
0.3691

263.9543, 0.3263,
0.3465

 14.0556, 0.3484,
0.3758

316.4944, 0.3255,
0.3455

 8.1593, 0.3553,
0.3851

375.5813, 0.3248,

 4.1971, 0.3653,

0.3446

0.3990

441.5993, 0.3242,
0.3437

■ 1.7844, 0.3817,
0.4221

■ 0.4774, 0.4567,
0.5433

■ 86.0005, 0.3324,
0.3545

■ 86.0005, 0.3324,
0.3545

■ 82.1477, 0.3492,
0.3754

■ 90.1196, 0.3167,
0.3342

■ 78.5410, 0.3666,
0.3965

■ 93.9779, 0.3067,
0.3225

■ 75.1745, 0.3844,
0.4168

■ 96.8889, 0.3066,
0.3271

■ 72.0381, 0.4018,
0.4354

■ 98.1391, 0.3065,
0.3290

■ 69.1202, 0.4181,
0.4514

■ 66.4085, 0.4325,
0.4637

■ 63.8882, 0.4444,
0.4715

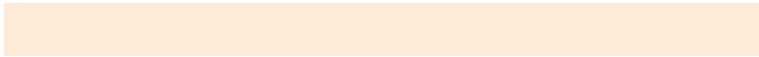
■ 61.5421, 0.4533,
0.4745

■ 59.9058, 0.4583,
0.4743

Harmonies

Analogous

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



86.0005, 0.3407, 0.3483



86.0005, 0.3324, 0.3545



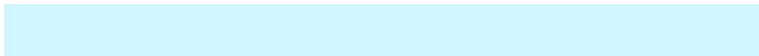
86.0005, 0.3189, 0.3537

Triad

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



86.0005, 0.3324, 0.3545



86.0005, 0.2850, 0.3196



86.0005, 0.3210, 0.3131

Complementary

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



86.0005, 0.3324, 0.3545



72.0057, 0.2927, 0.3021

Split Complementary

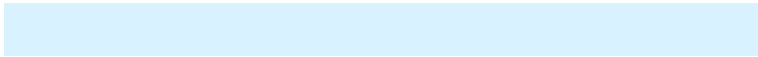
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.0005, 0.3060, 0.3057



86.0005, 0.3324, 0.3545



86.0005, 0.2855, 0.3091

Square

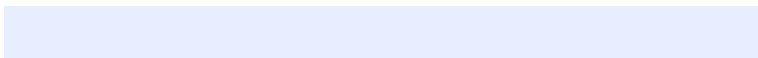
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.0005, 0.3324, 0.3545



86.0005, 0.2917, 0.3331



86.0005, 0.2930, 0.3042



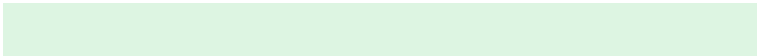
86.0005, 0.3340, 0.3245

Rectangle

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



86.0005, 0.3324, 0.3545



86.0005, 0.3089, 0.3491



86.0005, 0.2930, 0.3042



86.0005, 0.3160, 0.3101

Sweetspot

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



86.0043, 0.3324, 0.3545



98.1266, 0.3188, 0.3369



72.6614, 0.3313, 0.3227



20.9289, 0.3199, 0.3384



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.



86.0043, 0.3324, 0.3545



93.2147, 0.3363, 0.3595



87.8861, 0.3254, 0.3609



18.7454, 0.3273, 0.3480



32.4890, 0.4575, 0.4749



2.9904, 0.4519, 0.4794

Inverse Universe

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



72.0057, 0.2927, 0.3021



75.2651, 0.2886, 0.2966



70.4043, 0.2989, 0.2963



16.4376, 0.2979, 0.3092



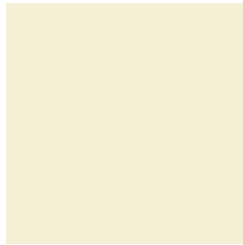
4.7813, 0.1550, 0.0781



0.5555, 0.1609, 0.0991

Previews

White Background



This preview shows how the Yxy color 86.0005, 0.3324, 0.3545 looks on a white background.

Color Contrast Check

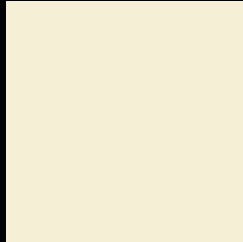
Large Text (above 18pt) WCAG AA × Fail

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 86.0005, 0.3324, 0.3545 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

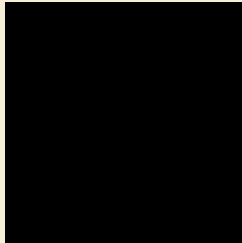
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

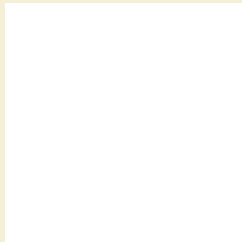
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 86.0005, 0.3324, 0.3545

Background



This preview shows how black text looks on a background with the Yxy color 86.0005, 0.3324, 0.3545.

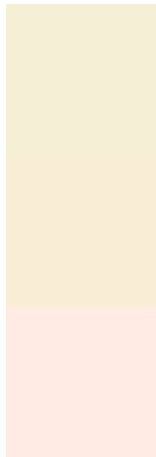


This preview shows how white text looks on a background with the Yxy color 86.0005, 0.3324, 0.3545.

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

86.0005, 0.3324, 0.3545

Protanopia

86.0929, 0.3360, 0.3543

Deuteranopia

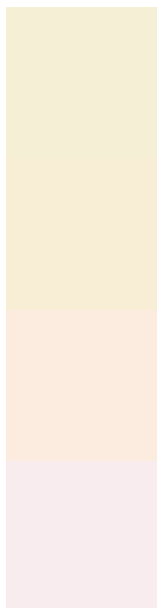
85.7071, 0.3309, 0.3350



Tritanopia

86.1979, 0.3122, 0.3114

Trichromacy



Original Color

86.0005, 0.3324, 0.3545

Protanomaly

85.9096, 0.3353, 0.3543

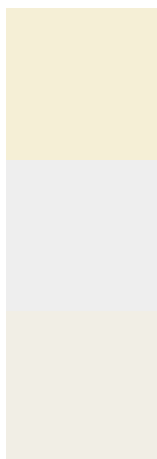
Deuteranomaly

85.8278, 0.3312, 0.3420

Tritanomaly

86.1204, 0.3195, 0.3270

Monochromacy



Original Color

86.0005, 0.3324, 0.3545

Achromatopsia

85.4993, 0.3127, 0.3290

Achromatomaly

85.5070, 0.3203, 0.3382

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.0005, 0.3324, 0.3545 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(245, 239, 214)` looks like.

```
.text, #text, p{  
    color:rgb(245, 239, 214)  
}
```

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(245, 239, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 239, 214) }
```

Border

The CSS property to change the border of an element to Yxy 86.0005, 0.3324, 0.3545 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(245, 239, 214) }
```

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

```
.border{ border-color:rgb(245, 239, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 239, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 239, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 239, 214);  
box-shadow:4px 4px 4px 4px rgb(245, 239,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 86.0005, 0.3324, 0.3545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 239, 214) }
```

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

```
.background{ background-color: rgb(245,  
239, 214) }
```

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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