

Converting Colors

$Yxy(87.0372, 0.3264, 0.3592)$

Have a look what the booklet for
Yxy(87.0372, 0.3264, 0.3592)
contains.

Yxy(86.9607, 0.3265, 0.3589)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(86.9607, 0.3265, 0.3589)

Conversions

Conversions Part 1

Format	Color
Hex	EDF3D6
RGB	237, 243, 214
RGB Percent	93%, 95%, 84%
CMY	0.0706, 0.0470, 0.1608
CMYK	0.02, 0.00, 0.12, 0.05
HSL	72°, 55%, 90%
HSV	72°, 12%, 95%
XYZ	79.1102, 86.9607, 76.2269
YIQ	237.9000, 5.7330, -10.2910

Conversions

Conversions Part 2

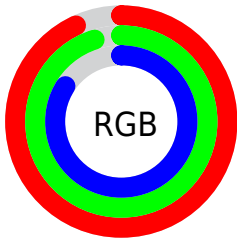
Format	Color
R _Y B	214, 243, 220
Decimal	15594454
CIE Lab	94.72, -6.92, 13.31
CIE LCh	95, 15.003, 117.466
Yxy	86.9607, 0.3265, 0.3589
Android (android.graphics.Color)	4293784534 (0xFFEDF3D6)
YUV	237.9000, -11.7827, -0.7893
Hunter-Lab	93.2527, -11.7631, 16.8119

Details

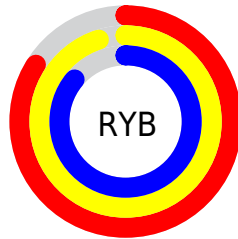
The Yxy color **86.9607, 0.3265, 0.3589** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **69.7772, 0.2979, 0.2981**, and the grayscale version is **85.5093, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.8676, 0.3296, 0.3662** is the 20% darker color. If you saturate the color by 10%, you get **84.9591, 0.3382, 0.3852**, and if you desaturate by 10%, it is **89.1795, 0.3149, 0.3337**.

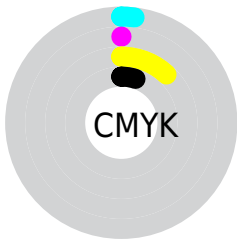
Distribution



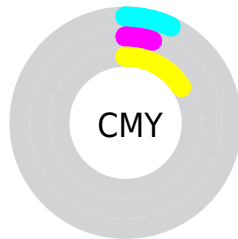
- Red (93%)
- Green (95%)
- Blue (84%)



- Red (84%)
- Yellow (95%)
- Blue (86%)



- Cyan (2%)
- Magenta (0%)
- Yellow (12%)
- Black (5%)





- Cyan (7%)
- Magenta (5%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 86.9607, 0.3265, 0.3589 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 86.9607, 0.3265, 0.3589 by changing the saturation by 10% instead.

 86.9607, 0.3265,
0.3589

 86.9607, 0.3265,
0.3589

518.0937, 0.3204,
0.3453

 65.4627, 0.3278,
0.3619

143.1094, 0.3244,
0.3542

 47.8364, 0.3294,
0.3657


178.5288, 0.3236,
0.3524

 33.6973, 0.3314,
0.3703


219.3575, 0.3229,
0.3508

 22.6612, 0.3339,
0.3764

265.9798, 0.3223,
0.3495

 14.3435, 0.3372,
0.3844

318.7803, 0.3217,
0.3482

 8.3600, 0.3416,
0.3958

378.1431, 0.3212,

 4.3261, 0.3478,

0.3472

0.4129

444.4528, 0.3208,
0.3462

■ 1.8576, 0.3575,
0.4418

■ 0.5227, 0.3855,
0.6145

■ 86.9607, 0.3265,
0.3589

■ 86.9607, 0.3265,
0.3589

■ 84.9591, 0.3382,
0.3852

■ 89.1795, 0.3149,
0.3337

■ 83.1549, 0.3495,
0.4121

■ 91.1132, 0.3082,
0.3173

■ 81.5429, 0.3601,
0.4385

■ 92.0419, 0.3114,
0.3174

■ 80.1134, 0.3693,
0.4636

■ 92.5865, 0.3133,
0.3175

■ 78.8558, 0.3767,
0.4862

■ 77.7580, 0.3818,
0.5051

■ 76.8063, 0.3842,
0.5197

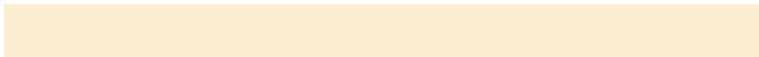
■ 75.9842, 0.3841,
0.5295

■ 75.3956, 0.3825,
0.5345

Harmonies

Analogous

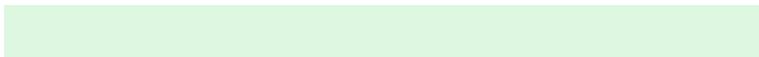
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.9607, 0.3401, 0.3563



86.9607, 0.3265, 0.3589



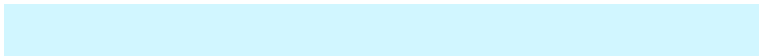
86.9607, 0.3095, 0.3529

Triad

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



86.9607, 0.3265, 0.3589



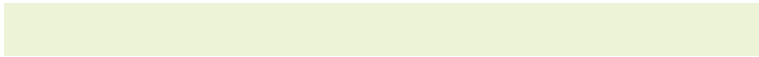
86.9607, 0.2802, 0.3103



86.9607, 0.3318, 0.3182

Complementary

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



86.9607, 0.3265, 0.3589



69.7772, 0.2979, 0.2981

Split Complementary

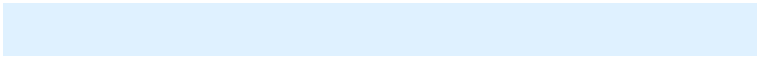
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.9607, 0.3153, 0.3067



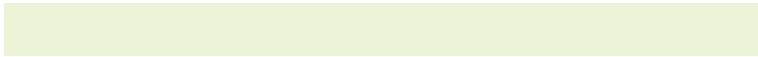
86.9607, 0.3265, 0.3589



86.9607, 0.2857, 0.3019

Square

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



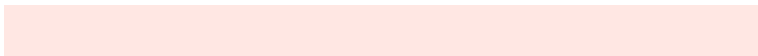
86.9607, 0.3265, 0.3589



86.9607, 0.2831, 0.3242



86.9607, 0.2984, 0.3007



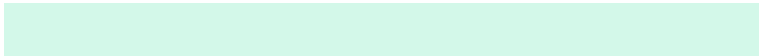
86.9607, 0.3433, 0.3326

Rectangle

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



86.9607, 0.3265, 0.3589



86.9607, 0.2985, 0.3449



86.9607, 0.2984, 0.3007



86.9607, 0.3266, 0.3139

Sweetspot

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



86.9645, 0.3265, 0.3589



98.9615, 0.3173, 0.3388



74.9897, 0.3335, 0.3351



21.1410, 0.3182, 0.3407



0.0000, 0.0000, 0.0000



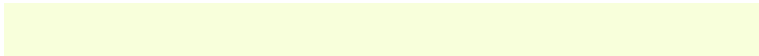
21.4041, 0.3127, 0.3290

Same Dimension

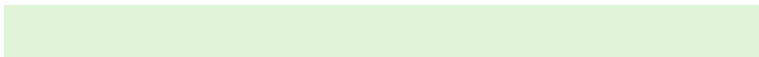
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.9645, 0.3265, 0.3589



96.5336, 0.3289, 0.3643



84.6010, 0.3169, 0.3598



19.1300, 0.3236, 0.3526



41.4360, 0.3831, 0.5340



3.6844, 0.3879, 0.5302

Inverse Universe

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



69.7772, 0.2979, 0.2981



74.3220, 0.2950, 0.2922



72.1043, 0.3079, 0.2990



16.0922, 0.3011, 0.3047



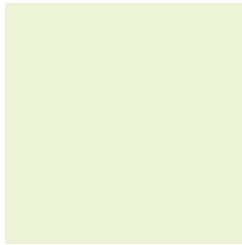
3.9749, 0.1604, 0.0657



0.3915, 0.1717, 0.0719

Previews

White Background



This preview shows how the Yxy color 86.9607, 0.3265, 0.3589 looks on a white background.

Color Contrast Check

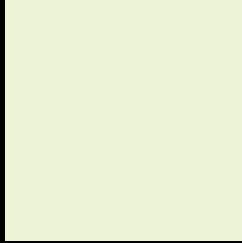
Large Text (above 18pt) WCAG AA × Fail

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 86.9607, 0.3265, 0.3589 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

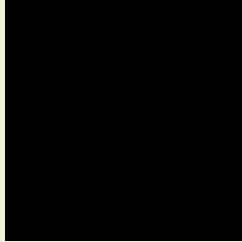
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

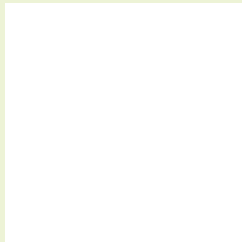
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 86.9607, 0.3265, 0.3589

Background



This preview shows how black text looks on a background with the Yxy color 86.9607, 0.3265, 0.3589.

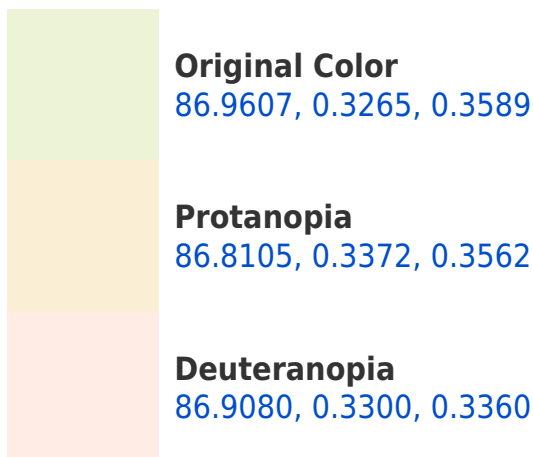


This preview shows how white text looks on a background with the Yxy color 86.9607, 0.3265, 0.3589.

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

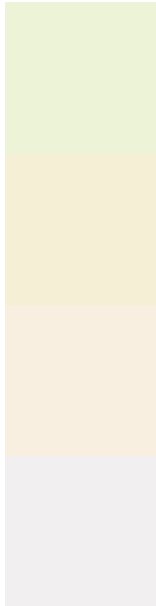




Tritanopia

86.8431, 0.3057, 0.3112

Trichromacy



Original Color

86.9607, 0.3265, 0.3589

Protanomaly

86.5367, 0.3330, 0.3565

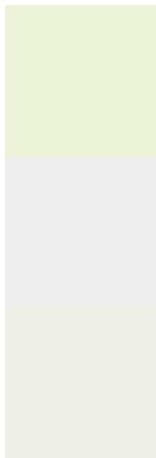
Deuteranomaly

87.0713, 0.3281, 0.3441

Tritanomaly

86.7250, 0.3134, 0.3280

Monochromacy



Original Color

86.9607, 0.3265, 0.3589

Achromatopsia

85.4993, 0.3127, 0.3290

Achromatomaly

86.1545, 0.3181, 0.3402

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.9607, 0.3265, 0.3589 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(237, 243, 214)` looks like.

```
.text, #text, p{  
    color:rgb(237, 243, 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(237, 243, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 243, 214) }
```

Border

The CSS property to change the border of an element to Yxy 86.9607, 0.3265, 0.3589 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(237, 243, 214) }
```

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

```
.border{ border-color:rgb(237, 243, 214) }
```

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

Here you see how a box with a 4 pixel rgb(237, 243, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 243, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 243, 214);  
box-shadow:4px 4px 4px 4px rgb(237, 243,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 86.9607, 0.3265, 0.3589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 243, 214) }
```

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

```
.background{ background-color: rgb(237,  
243, 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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