

Converting Colors

$Yxy(86.5740, 0.3293, 0.3693)$

Have a look what the booklet for
Yxy(86.5740, 0.3293, 0.3693)
contains.

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Color

Yxy(86.4328, 0.3292, 0.3697)

Conversions

Conversions Part 1

Format	Color
Hex	E9F4CD
RGB	233, 244, 205
RGB Percent	91%, 96%, 80%
CMY	0.0865, 0.0431, 0.1960
CMYK	0.05, 0.00, 0.16, 0.04
HSL	77°, 64%, 88%
HSV	77°, 16%, 96%
XYZ	76.9642, 86.4328, 70.3947
YIQ	236.2650, 5.9630, -14.4610

Conversions

Conversions Part 2

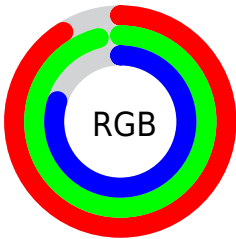
Format	Color
R_{YB}	205, 244, 216
Decimal	15332557
CIE _{Lab}	94.50, -10.24, 17.57
CIE _{LCh}	94, 20.342, 120.237
Yxy	86.4328, 0.3292, 0.3697
Android (android.graphics.Color)	4293522637 (0xFFE9F4CD)
YUV	236.2650, -15.4136, -2.8634
Hunter-Lab	92.9692, -14.9256, 20.1851

Details

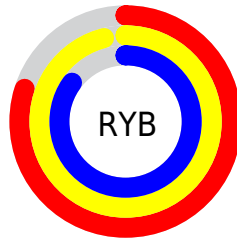
The Yxy color $86.4328, 0.3292, 0.3697$ is a light color, and the websafe version is hex `FFFFCC`. A complement of this color would be $64.8159, 0.2944, 0.2869$, and the grayscale version is $84.2091, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $47.5479, 0.3323, 0.3788$ is the 20% darker color. If you saturate the color by 10%, you get $84.2062, 0.3394, 0.3968$, and if you desaturate by 10%, it is $88.8965, 0.3188, 0.3438$.

Distribution



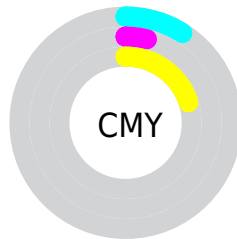
- Red (91%)
- Green (96%)
- Blue (80%)



- Red (80%)
- Yellow (96%)
- Blue (85%)



- Cyan (5%)
- Magenta (0%)
- Yellow (16%)
- Black (4%)



- Cyan (9%)
- Magenta (4%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 86.4328, 0.3292, 0.3697 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 86.4328, 0.3292, 0.3697 by changing the saturation by 10% instead.

86.4328, 0.3292,
0.3697

86.4328, 0.3292,
0.3697

516.3572, 0.3220,
0.3511

65.0259, 0.3307,
0.3739

142.3733, 0.3268,
0.3633

47.4821, 0.3326,
0.3790

177.6757, 0.3258,
0.3608

33.4169, 0.3349,
0.3855

218.3787, 0.3250,
0.3586

22.4460, 0.3377,
0.3938

264.8668, 0.3242,
0.3567

14.1850, 0.3414,
0.4051

317.5243, 0.3236,
0.3551

8.2495, 0.3462,
0.4209

376.7356, 0.3230,

4.2550, 0.3525,

0.3536

0.4446

442.8851, 0.3225,
0.3523

■ 1.8172, 0.3669,
0.4925

■ 0.4979, 0.3095,
0.6905

■ 86.4328, 0.3292,
0.3697

■ 86.4328, 0.3292,
0.3697

■ 84.2062, 0.3394,
0.3968

■ 88.8965, 0.3188,
0.3438

■ 82.1962, 0.3492,
0.4244

■ 91.5944, 0.3087,
0.3194

■ 80.3971, 0.3579,
0.4516

■ 92.9510, 0.3124,
0.3185

■ 78.7983, 0.3650,
0.4772

■ 93.1923, 0.3132,
0.3185

■ 77.3882, 0.3702,
0.5000

■ 76.1536, 0.3728,
0.5188

■ 75.0795, 0.3729,
0.5330

■ 74.1471, 0.3706,
0.5423

■ 73.8009, 0.3692,
0.5451

Harmonies

Analogous

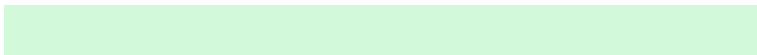
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.4328, 0.3485, 0.3668



86.4328, 0.3292, 0.3697



86.4328, 0.3060, 0.3606

Triad

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



86.4328, 0.3292, 0.3697



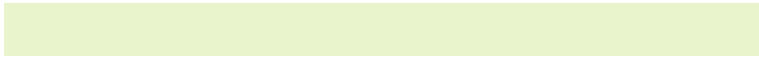
86.4328, 0.2691, 0.3019



86.4328, 0.3405, 0.3160

Complementary

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



86.4328, 0.3292, 0.3697



64.8159, 0.2944, 0.2869

Split Complementary

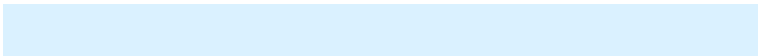
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.4328, 0.3182, 0.3002



86.4328, 0.3292, 0.3697



86.4328, 0.2775, 0.2918

Square

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



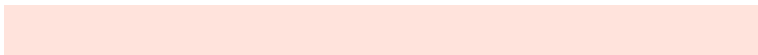
86.4328, 0.3292, 0.3697



86.4328, 0.2719, 0.3202



86.4328, 0.2952, 0.2914



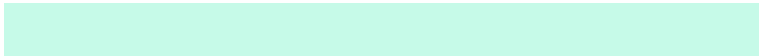
86.4328, 0.3553, 0.3353

Rectangle

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



86.4328, 0.3292, 0.3697



86.4328, 0.2915, 0.3489



86.4328, 0.2952, 0.2914



86.4328, 0.3336, 0.3101

Sweetspot

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



86.4366, 0.3292, 0.3697



98.5262, 0.3178, 0.3413



72.7917, 0.3412, 0.3407



21.0455, 0.3186, 0.3431



0.0000, 0.0000, 0.0000



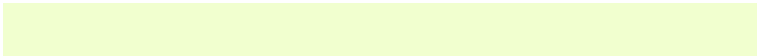
21.4041, 0.3127, 0.3290

Same Dimension

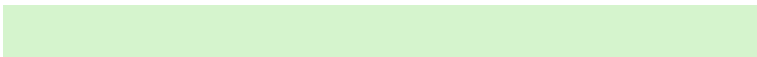
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.4366, 0.3292, 0.3697



94.7483, 0.3324, 0.3779



83.3372, 0.3162, 0.3714



19.0636, 0.3225, 0.3527



40.1947, 0.3700, 0.5444



3.5845, 0.3764, 0.5394

Inverse Universe

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



64.8159, 0.2944, 0.2869



66.8899, 0.2904, 0.2780



67.9632, 0.3084, 0.2886



16.1543, 0.3024, 0.3048



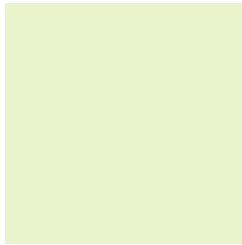
4.3035, 0.1682, 0.0700



0.4280, 0.1810, 0.0771

Previews

White Background



This preview shows how the Yxy color 86.4328, 0.3292, 0.3697 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 86.4328, 0.3292, 0.3697 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

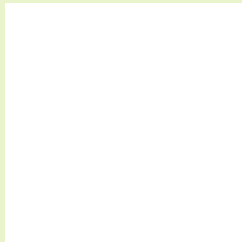
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 86.4328, 0.3292, 0.3697

Background



This preview shows how black text looks on a background with the Yxy color 86.4328, 0.3292, 0.3697.

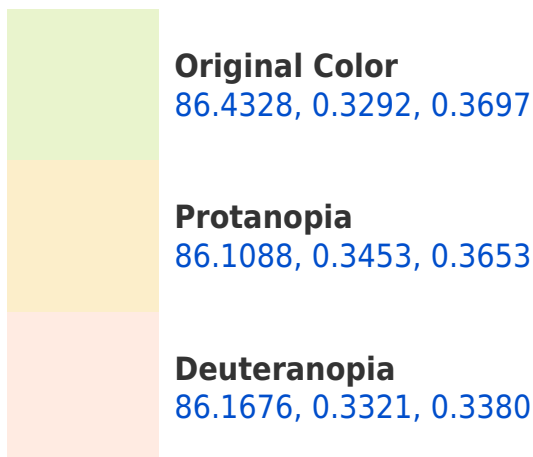


This preview shows how white text looks on a background with the Yxy color 86.4328, 0.3292, 0.3697.

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

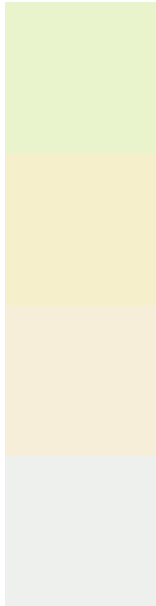




Tritanopia

86.3136, 0.3038, 0.3111

Trichromacy



Original Color

86.4328, 0.3292, 0.3697

Protanomaly

86.0445, 0.3394, 0.3668

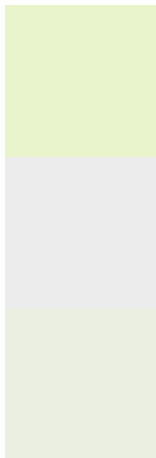
Deuteranomaly

85.9852, 0.3314, 0.3493

Tritanomaly

86.4391, 0.3126, 0.3320

Monochromacy



Original Color

86.4328, 0.3292, 0.3697

Achromatopsia

83.8799, 0.3127, 0.3290

Achromatomaly

84.8314, 0.3187, 0.3434

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.4328, 0.3292, 0.3697 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(233, 244, 205)` looks like.

```
.text, #text, p{  
    color:rgb(233, 244, 205)  
}
```

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(233, 244, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 244, 205) }
```

Border

The CSS property to change the border of an element to Yxy 86.4328, 0.3292, 0.3697 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(233, 244, 205) }
```

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

```
.border{ border-color:rgb(233, 244, 205) }
```

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

Here you see how a box with a 4 pixel rgb(233, 244, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 244, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 244, 205);  
box-shadow:4px 4px 4px 4px rgb(233, 244,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 86.4328, 0.3292, 0.3697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 244, 205) }
```

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

```
.background{ background-color: rgb(233,  
244, 205) }
```

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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