

Converting Colors

$Yxy(86.5877, 0.3267, 0.3568)$

Have a look what the booklet for
Yxy(86.5877, 0.3267, 0.3568)
contains.

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Color

Yxy(86.5877, 0.3267, 0.3568)

Conversions

Conversions Part 1

Format	Color
Hex	EEF2D7
RGB	238, 242, 215
RGB Percent	93%, 95%, 84%
CMY	0.0665, 0.0510, 0.1570
CMYK	0.02, 0.00, 0.11, 0.05
HSL	69°, 51%, 90%
HSV	69°, 11%, 95%
XYZ	79.2831, 86.5877, 76.8078
YIQ	237.7260, 6.2830, -9.2450

Conversions

Conversions Part 2

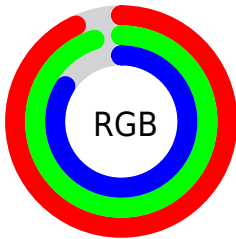
Format	Color
R _Y B	215, 242, 219
Decimal	15659735
CIE Lab	94.56, -5.89, 12.59
CIE LCh	95, 13.900, 115.089
Yxy	86.5877, 0.3267, 0.3568
Android (android.graphics.Color)	4293849815 (0xFFEEF2D7)
YUV	237.7260, -11.2039, 0.2403
Hunter-Lab	93.0525, -10.7554, 16.1974

Details

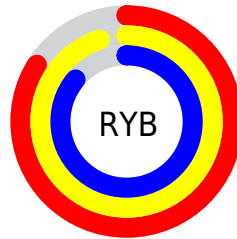
The Yxy color $86.5877, 0.3267, 0.3568$ is a light color, and the websafe version is hex `FFFFCC`. A complement of this color would be $70.0513, 0.2978, 0.3001$, and the grayscale version is $85.3663, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $47.6010, 0.3298, 0.3635$ is the 20% darker color. If you saturate the color by 10%, you get $84.8292, 0.3394, 0.3828$, and if you desaturate by 10%, it is $88.5499, 0.3142, 0.3318$.

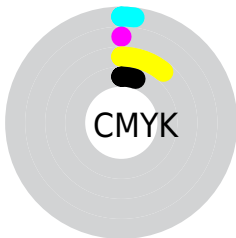
Distribution



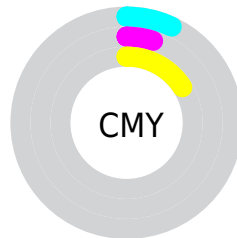
- Red (93%)
- Green (95%)
- Blue (84%)



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



- Cyan (2%)
- Magenta (0%)
- Yellow (11%)
- Black (5%)



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

Brightness & Saturation Gradients


These gradients show how the Yxy color 86.5877, 0.3267, 0.3568 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 86.5877, 0.3267, 0.3568 by changing the saturation by 10% instead.

 86.5877, 0.3267,
0.3568

 86.5877, 0.3267,
0.3568


516.8671, 0.3205,
0.3442

 65.1541, 0.3281,
0.3596


142.5893, 0.3246,
0.3525

 47.5860, 0.3297,
0.3631


177.9261, 0.3238,
0.3508

 33.4992, 0.3317,
0.3674


218.6660, 0.3230,
0.3493

 22.5091, 0.3343,
0.3730

265.1935, 0.3224,
0.3480

 14.2315, 0.3377,
0.3805

317.8930, 0.3218,
0.3469

 8.2818, 0.3423,
0.3910

377.1488, 0.3213,

 4.2758, 0.3489,

0.3459

0.4069

443.3454, 0.3209,
0.3450

■ 1.8290, 0.3591,
0.4334

■ 0.5052, 0.3996,
0.6004

■ 86.5877, 0.3267,
0.3568

■ 86.5877, 0.3267,
0.3568

■ 84.8292, 0.3394,
0.3828

■ 88.5499, 0.3142,
0.3318

■ 83.2550, 0.3519,
0.4091

■ 90.1607, 0.3070,
0.3163

■ 81.8601, 0.3637,
0.4348

■ 90.8062, 0.3092,
0.3164

■ 80.6350, 0.3741,
0.4591

■ 91.4640, 0.3115,
0.3165

■ 79.5695, 0.3828,
0.4807

■ 91.9836, 0.3133,
0.3165

■ 78.6518, 0.3891,
0.4986

■ 77.8688, 0.3929,
0.5122

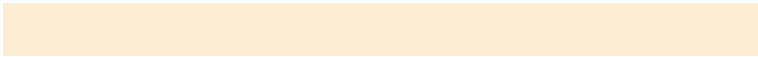
■ 77.2044, 0.3940,
0.5212

■ 76.6939, 0.3932,
0.5260

Harmonies

Analogous

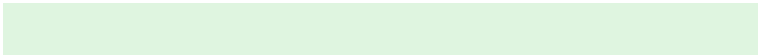
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.5877, 0.3389, 0.3539



86.5877, 0.3267, 0.3568



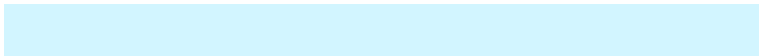
86.5877, 0.3110, 0.3519

Triad

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



86.5877, 0.3267, 0.3568



86.5877, 0.2824, 0.3125



86.5877, 0.3293, 0.3180

Complementary

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



86.5877, 0.3267, 0.3568



70.0513, 0.2978, 0.3001

Split Complementary

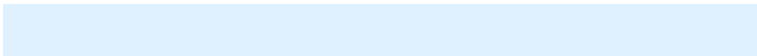
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.5877, 0.3138, 0.3076



86.5877, 0.3267, 0.3568



86.5877, 0.2870, 0.3042

Square

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



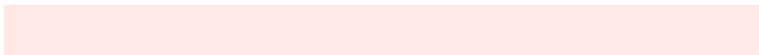
86.5877, 0.3267, 0.3568



86.5877, 0.2857, 0.3257



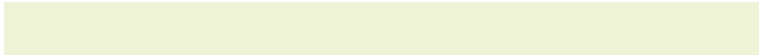
86.5877, 0.2984, 0.3025



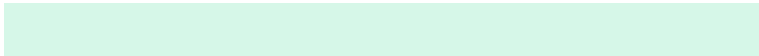
86.5877, 0.3405, 0.3313

Rectangle

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



86.5877, 0.3267, 0.3568



86.5877, 0.3007, 0.3447



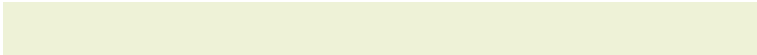
86.5877, 0.2984, 0.3025



86.5877, 0.3244, 0.3140

Sweetspot

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



86.5915, 0.3267, 0.3568



99.3047, 0.3164, 0.3363



74.2263, 0.3323, 0.3328



21.2163, 0.3174, 0.3383



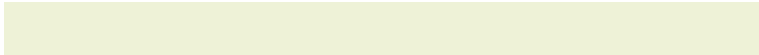
0.0000, 0.0000, 0.0000



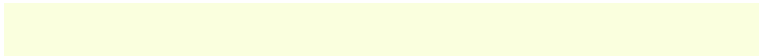
21.4041, 0.3127, 0.3290

Same Dimension

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



86.5915, 0.3267, 0.3568



97.1347, 0.3291, 0.3616



84.3978, 0.3179, 0.3576



18.3346, 0.3246, 0.3525



41.2481, 0.3937, 0.5256



3.4632, 0.3973, 0.5228

Inverse Universe

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



70.0513, 0.2978, 0.3001



75.6676, 0.2951, 0.2949



72.1710, 0.3070, 0.3009



15.3400, 0.3002, 0.3047



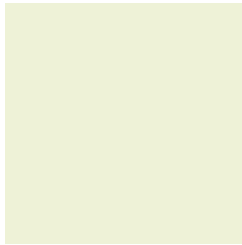
3.6763, 0.1560, 0.0633



0.3396, 0.1660, 0.0688

Previews

White Background



This preview shows how the Yxy color 86.5877, 0.3267, 0.3568 looks on a white background.

Color Contrast Check

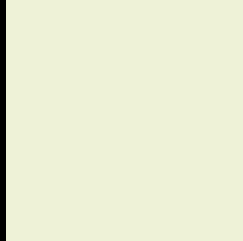
Large Text (above 18pt) WCAG AA × Fail

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 86.5877, 0.3267, 0.3568 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

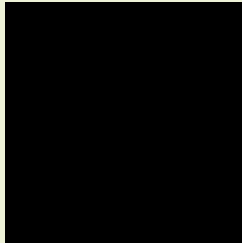
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

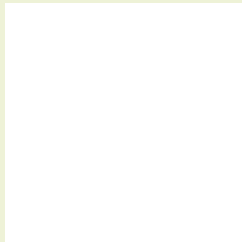
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 86.5877, 0.3267, 0.3568

Background



This preview shows how black text looks on a background with the Yxy color 86.5877, 0.3267, 0.3568.

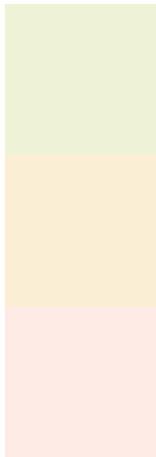


This preview shows how white text looks on a background with the Yxy color 86.5877, 0.3267, 0.3568.

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

86.5877, 0.3267, 0.3568

Protanopia

86.2772, 0.3367, 0.3542

Deuteranopia

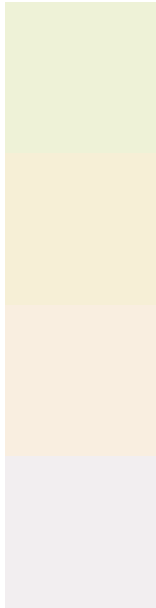
86.3338, 0.3302, 0.3350



Tritanopia

86.4440, 0.3064, 0.3103

Trichromacy



Original Color

86.5877, 0.3267, 0.3568

Protanomaly

86.1809, 0.3331, 0.3544

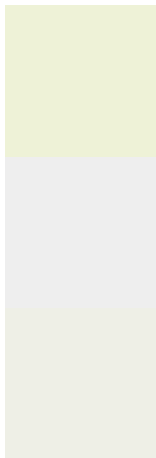
Deuteranomaly

86.6706, 0.3289, 0.3431

Tritanomaly

86.3176, 0.3141, 0.3270

Monochromacy



Original Color

86.5877, 0.3267, 0.3568

Achromatopsia

85.4993, 0.3127, 0.3290

Achromatomaly

85.6233, 0.3176, 0.3382

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.5877, 0.3267, 0.3568 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(238, 242, 215)` looks like.

```
.text, #text, p{  
    color:rgb(238, 242, 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(238, 242, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 242, 215) }
```

Border

The CSS property to change the border of an element to Yxy 86.5877, 0.3267, 0.3568 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(238, 242, 215) }
```

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

```
.border{ border-color:rgb(238, 242, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 242, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 242, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 242, 215);  
box-shadow:4px 4px 4px 4px rgb(238, 242,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 86.5877, 0.3267, 0.3568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 242, 215) }
```

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

```
.background{ background-color: rgb(238,  
242, 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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