

Converting Colors

$Y_{xy}(86.5002, 0.3274, 0.3387)$

Have a look what the booklet for
Yxy(86.5002, 0.3274, 0.3387)
contains.

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Color

Yxy(86.4384, 0.3278, 0.3390)

Conversions

Conversions Part 1

Format	Color
Hex	FAEDE3
RGB	250, 237, 227
RGB Percent	98%, 93%, 89%
CMY	0.0195, 0.0706, 0.1098
CMYK	0.00, 0.05, 0.09, 0.02
HSL	26°, 70%, 94%
HSV	26°, 9%, 98%
XYZ	83.5826, 86.4384, 84.9595
YIQ	239.7470, 10.9580, -0.3540

Conversions

Conversions Part 2

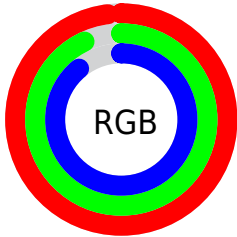
Format	Color
RYB	250, 245, 227
Decimal	16444899
CIELab	94.50, 2.74, 6.39
CIELCh	94, 6.953, 66.801
Yxy	86.4384, 0.3278, 0.3390
Android (android.graphics.Color)	4294634979 (0xFFFAEDE3)
YUV	239.7470, -6.2843, 8.9919
Hunter-Lab	92.9723, -2.2289, 10.9004

Details

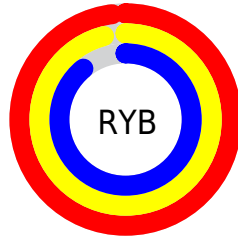
The Yxy color **86.4384, 0.3278, 0.3390** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.5848, 0.2984, 0.3188**, and the grayscale version is **86.9787, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.3638, 0.3305, 0.3406** is the 20% darker color. If you saturate the color by 10%, you get **77.2825, 0.3467, 0.3505**, and if you desaturate by 10%, it is **96.4497, 0.3115, 0.3282**.

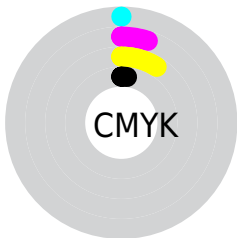
Distribution



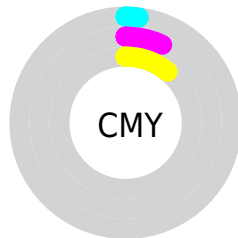
- Red (98%)
- Green (93%)
- Blue (89%)



- Red (98%)
- Yellow (96%)
- Blue (89%)



- Cyan (0%)
- Magenta (5%)
- Yellow (9%)
- Black (2%)





- Cyan (2%)
- Magenta (7%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 86.4384, 0.3278, 0.3390 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 86.4384, 0.3278, 0.3390 by changing the saturation by 10% instead.


 86.4384, 0.3278,
0.3390

 86.4384, 0.3278,
0.3390


516.3757, 0.3210,
0.3346

 65.0306, 0.3293,
0.3400


142.3811, 0.3255,
0.3375

 47.4859, 0.3312,
0.3412


177.6848, 0.3246,
0.3369

 33.4199, 0.3335,
0.3427


218.3891, 0.3238,
0.3364

 22.4483, 0.3364,
0.3445

264.8786, 0.3231,
0.3359

 14.1867, 0.3404,
0.3470

317.5376, 0.3225,
0.3355

 8.2506, 0.3459,
0.3505

376.7505, 0.3219,

 4.2557, 0.3541,

0.3352

442.9018, 0.3214,
0.3348

0.3556

■ 1.8176, 0.3678,
0.3637

■ 0.4981, 0.4765,
0.4393

■ 86.4384, 0.3278,
0.3390

■ 86.4384, 0.3278,
0.3390

■ 77.2825, 0.3467,
0.3505

■ 96.4497, 0.3115,
0.3282

■ 68.9473, 0.3684,
0.3624

■ 99.0696, 0.3097,
0.3290

■ 61.4119, 0.3932,
0.3743

■ 54.6502, 0.4208,
0.3854

■ 48.6348, 0.4506,
0.3949

■ 43.3358, 0.4816,
0.4013

■ 38.7213, 0.5118,
0.4034

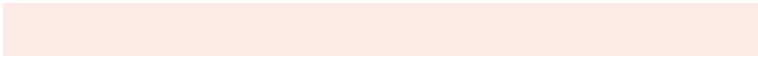
■ 34.7553, 0.5390,
0.4002

■ 31.3926, 0.5614,
0.3918

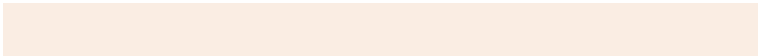
Harmonies

Analogous

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



86.4384, 0.3277, 0.3330



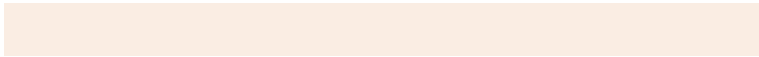
86.4384, 0.3278, 0.3390



86.4384, 0.3238, 0.3424

Triad

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



86.4384, 0.3278, 0.3390



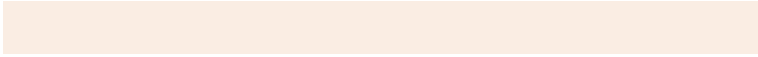
86.4384, 0.3020, 0.3319



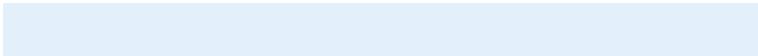
86.4384, 0.3085, 0.3162

Complementary

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



86.4384, 0.3278, 0.3390



85.5848, 0.2984, 0.3188

Split Complementary

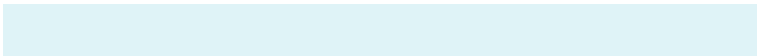
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.4384, 0.3017, 0.3158



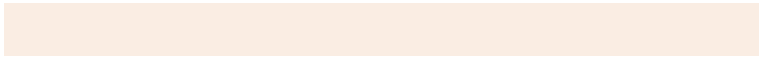
86.4384, 0.3278, 0.3390



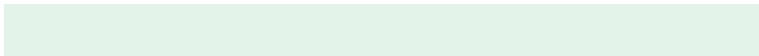
86.4384, 0.2980, 0.3247

Square

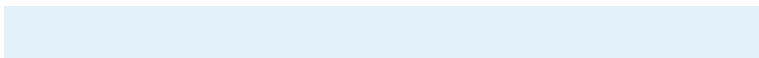
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.4384, 0.3278, 0.3390



86.4384, 0.3088, 0.3384



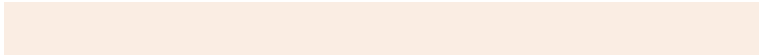
86.4384, 0.2979, 0.3188



86.4384, 0.3165, 0.3199

Rectangle

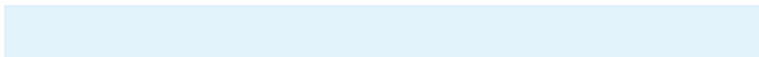
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86.4384, 0.3278, 0.3390



86.4384, 0.3194, 0.3427



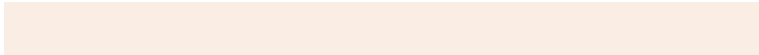
86.4384, 0.2979, 0.3188



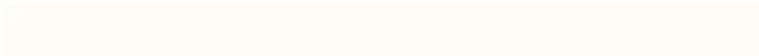
86.4384, 0.3060, 0.3156

Sweetspot

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



86.4422, 0.3278, 0.3390



96.7841, 0.3174, 0.3322



81.5690, 0.3202, 0.3161



20.5348, 0.3187, 0.3331



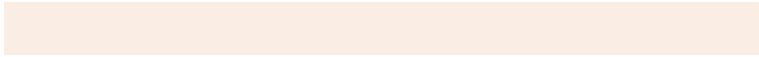
0.0000, 0.0000, 0.0000



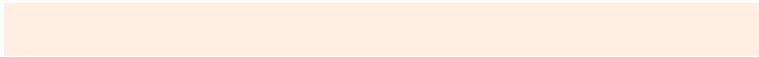
21.4041, 0.3127, 0.3290

Same Dimension

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



86.4422, 0.3278, 0.3390



88.6041, 0.3310, 0.3410



93.3166, 0.3266, 0.3502



18.4635, 0.3283, 0.3393



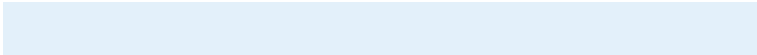
16.7914, 0.5603, 0.3933



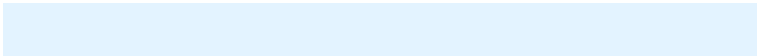
1.7616, 0.5394, 0.4099

Inverse Universe

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



85.5848, 0.2984, 0.3188



87.5447, 0.2956, 0.3167



79.0249, 0.2984, 0.3069



18.2744, 0.2980, 0.3185



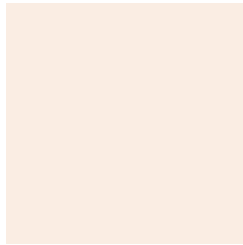
14.1468, 0.1834, 0.1802



1.5210, 0.1888, 0.1996

Previews

White Background



This preview shows how the Yxy color 86.4384, 0.3278, 0.3390 looks on a white background.

Color Contrast Check

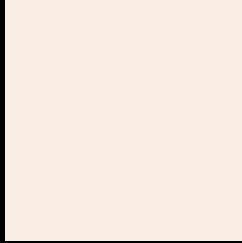
Large Text (above 18pt) WCAG AA × Fail

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 86.4384, 0.3278, 0.3390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

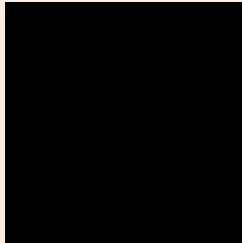
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

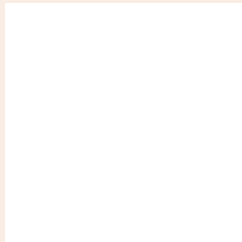
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 86.4384, 0.3278, 0.3390

Background



This preview shows how black text looks on a background with the Yxy color 86.4384, 0.3278, 0.3390.

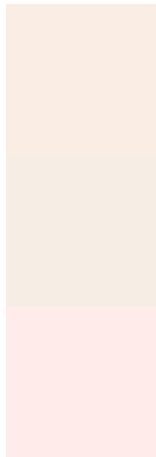


This preview shows how white text looks on a background with the Yxy color 86.4384, 0.3278, 0.3390.

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

86.4384, 0.3278, 0.3390

Protanopia

86.3433, 0.3243, 0.3391

Deuteranopia

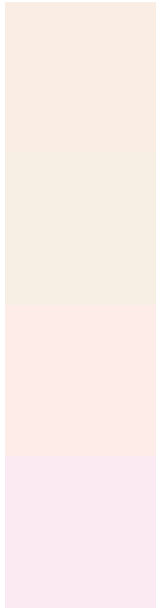
86.5599, 0.3276, 0.3310



Tritanopia

86.1887, 0.3143, 0.3105

Trichromacy



Original Color

86.4384, 0.3278, 0.3390

Protanomaly

86.5247, 0.3250, 0.3391

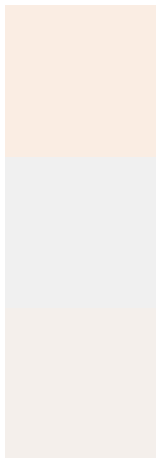
Deuteranomaly

86.6431, 0.3274, 0.3340

Tritanomaly

86.0121, 0.3192, 0.3202

Monochromacy



Original Color

86.4384, 0.3278, 0.3390

Achromatopsia

87.1367, 0.3127, 0.3290

Achromatomaly

86.9643, 0.3185, 0.3330

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.4384, 0.3278, 0.3390 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(250, 237, 227)` looks like.

```
.text, #text, p{  
    color:rgb(250, 237, 227)  
}
```

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(250, 237, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 237, 227) }
```

Border

The CSS property to change the border of an element to Yxy 86.4384, 0.3278, 0.3390 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(250, 237, 227) }
```

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

```
.border{ border-color:rgb(250, 237, 227) }
```

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

Here you see how a box with a 4 pixel rgb(250, 237, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 237, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 237, 227);  
box-shadow:4px 4px 4px 4px rgb(250, 237,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 86.4384, 0.3278, 0.3390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 237, 227) }
```

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

```
.background{ background-color: rgb(250,  
237, 227) }
```

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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