

Converting Colors

$Yxy(86.8116, 0.3322, 0.3595)$

Have a look what the booklet for
Yxy(86.8116, 0.3322, 0.3595)
contains.

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Color

Yxy(86.6684, 0.3327, 0.3597)

Conversions

Conversions Part 1

Format	Color
Hex	F3F1D3
RGB	243, 241, 211
RGB Percent	95%, 95%, 83%
CMY	0.0472, 0.0548, 0.1726
CMYK	0.00, 0.01, 0.13, 0.05
HSL	56°, 57%, 89%
HSV	56°, 13%, 95%
XYZ	80.1628, 86.6684, 74.1151
YIQ	238.1780, 10.8220, -8.9060

Conversions

Conversions Part 2

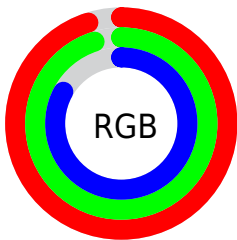
Format	Color
R_{YB}	213, 243, 211
Decimal	15987155
CIE _{Lab}	94.60, -4.31, 14.75
CIE _{LCh}	95, 15.369, 106.276
Yxy	86.6684, 0.3327, 0.3597
Android (android.graphics.Color)	4294177235 (0xFFFF3F1D3)
YUV	238.1780, -13.3988, 4.2289
Hunter-Lab	93.0959, -9.2152, 17.9654

Details

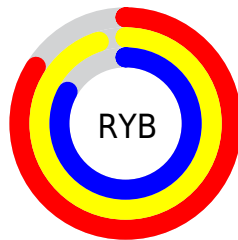
The Yxy color $86.6684, 0.3327, 0.3597$ is a light color, and the websafe version is hex `FFFFCC`. A complement of this color would be $67.8620, 0.2917, 0.2963$, and the grayscale version is $85.7419, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $47.6630, 0.3377, 0.3671$ is the 20% darker color. If you saturate the color by 10%, you get $84.6743, 0.3485, 0.3836$, and if you desaturate by 10%, it is $88.8614, 0.3174, 0.3362$.

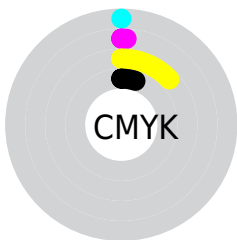
Distribution



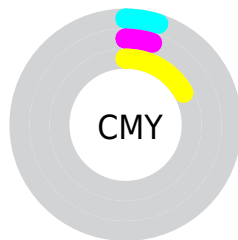
- Red (95%)
- Green (95%)
- Blue (83%)



- Red (84%)
- Yellow (95%)
- Blue (83%)



- Cyan (0%)
- Magenta (1%)
- Yellow (13%)
- Black (5%)





- Cyan (5%)
- Magenta (5%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 86.6684, 0.3327, 0.3597 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 86.6684, 0.3327, 0.3597 by changing the saturation by 10% instead.


 86.6684, 0.3327,
0.3597

 86.6684, 0.3327,
0.3597

517.1326, 0.3238,
0.3458

 65.2208, 0.3347,
0.3628


142.7019, 0.3297,
0.3549

 47.6402, 0.3370,
0.3666


178.0565, 0.3285,
0.3531

 33.5420, 0.3400,
0.3713


218.8157, 0.3274,
0.3515

 22.5420, 0.3437,
0.3774

265.3637, 0.3265,
0.3500

 14.2557, 0.3486,
0.3855

318.0850, 0.3257,
0.3488

 8.2987, 0.3553,
0.3969

377.3640, 0.3250,

 4.2867, 0.3649,

0.3477

0.4137

443.5851, 0.3244,
0.3467

■ 1.8352, 0.3812,
0.4430

■ 0.5090, 0.4266,
0.5734

■ 86.6684, 0.3327,
0.3597

■ 86.6684, 0.3327,
0.3597

■ 84.6743, 0.3485,
0.3836

■ 88.8614, 0.3174,
0.3362

■ 82.8594, 0.3643,
0.4074


■ 90.9517, 0.3055,
0.3182

■ 81.2186, 0.3796,
0.4299

■ 91.8431, 0.3055,
0.3196

■ 79.7423, 0.3938,
0.4504


■ 92.7416, 0.3055,
0.3211


 78.4198, 0.4062,
0.4678

 93.6472, 0.3055,
0.3225

 77.2392, 0.4164,
0.4813

 94.5600, 0.3054,
0.3240


 76.1866, 0.4238,
0.4904

 95.4800, 0.3054,
0.3254

 75.2454, 0.4285,
0.4951

 96.4071, 0.3054,
0.3269

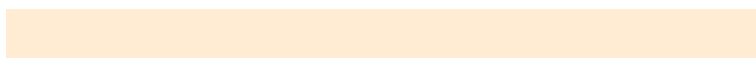
 74.6490, 0.4305,
0.4964

 97.3415, 0.3053,
0.3283

Harmonies

Analogous

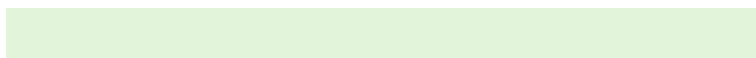
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.6684, 0.3442, 0.3540



86.6684, 0.3327, 0.3597



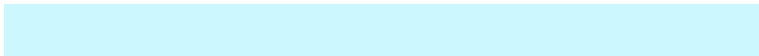
86.6684, 0.3160, 0.3568

Triad

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



86.6684, 0.3327, 0.3597



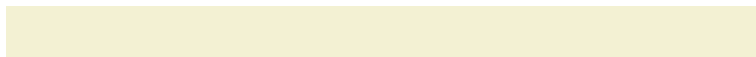
86.6684, 0.2795, 0.3146



86.6684, 0.3263, 0.3130

Complementary

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



86.6684, 0.3327, 0.3597



67.8620, 0.2917, 0.2963

Split Complementary

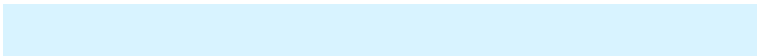
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.6684, 0.3087, 0.3031



86.6684, 0.3327, 0.3597



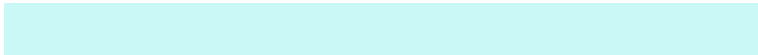
86.6684, 0.2820, 0.3036

Square

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



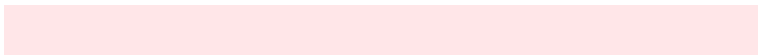
86.6684, 0.3327, 0.3597



86.6684, 0.2855, 0.3301



86.6684, 0.2925, 0.2996



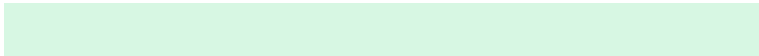
86.6684, 0.3406, 0.3270

Rectangle

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



86.6684, 0.3327, 0.3597



86.6684, 0.3043, 0.3503



86.6684, 0.2925, 0.2996



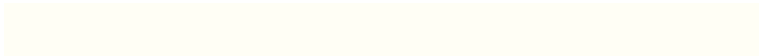
86.6684, 0.3206, 0.3091

Sweetspot

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



86.6722, 0.3327, 0.3597



98.9658, 0.3187, 0.3382



70.4345, 0.3353, 0.3268



21.1420, 0.3198, 0.3399



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.



86.6722, 0.3327, 0.3597



96.0746, 0.3372, 0.3666



85.4553, 0.3231, 0.3626



19.1310, 0.3270, 0.3510



41.0577, 0.4303, 0.4965



3.6599, 0.4288, 0.4977

Inverse Universe

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



67.8620, 0.2917, 0.2963



71.0060, 0.2867, 0.2884



69.0271, 0.3013, 0.2952



16.0881, 0.2979, 0.3060



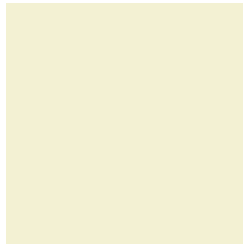
3.7980, 0.1511, 0.0637



0.3895, 0.1536, 0.0731

Previews

White Background



This preview shows how the Yxy color 86.6684, 0.3327, 0.3597 looks on a white background.

Color Contrast Check

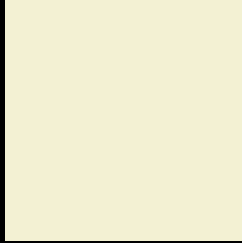
Large Text (above 18pt) WCAG AA × Fail

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 86.6684, 0.3327, 0.3597 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

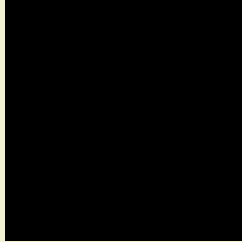
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

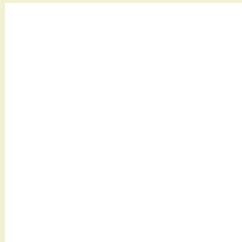
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 86.6684, 0.3327, 0.3597

Background



This preview shows how black text looks on a background with the Yxy color 86.6684, 0.3327, 0.3597.

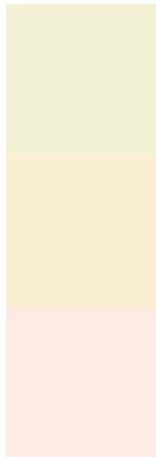


This preview shows how white text looks on a background with the Yxy color 86.6684, 0.3327, 0.3597.

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

86.6684, 0.3327, 0.3597

Protanopia

86.7101, 0.3385, 0.3583

Deuteranopia

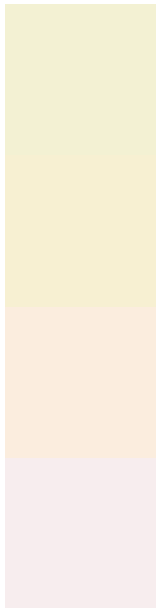
86.2781, 0.3308, 0.3360



Tritanopia

86.6482, 0.3109, 0.3114

Trichromacy



Original Color

86.6684, 0.3327, 0.3597

Protanomaly

86.7475, 0.3363, 0.3594

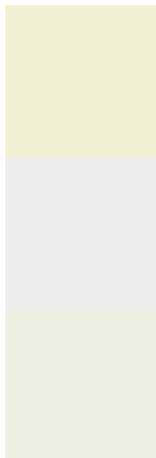
Deuteranomaly

86.3515, 0.3317, 0.3440

Tritanomaly

86.5156, 0.3188, 0.3280

Monochromacy



Original Color

86.6684, 0.3327, 0.3597

Achromatopsia

85.4993, 0.3127, 0.3290

Achromatomaly

85.8597, 0.3202, 0.3402

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.6684, 0.3327, 0.3597 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(243, 241, 211)` looks like.

```
.text, #text, p{  
    color:rgb(243, 241, 211)  
}
```

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(243, 241, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 241, 211) }
```

Border

The CSS property to change the border of an element to Yxy 86.6684, 0.3327, 0.3597 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(243, 241, 211) }
```

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

```
.border{ border-color:rgb(243, 241, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 241, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 241, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 241, 211);  
box-shadow:4px 4px 4px 4px rgb(243, 241,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 86.6684, 0.3327, 0.3597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 241, 211) }
```

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

```
.background{ background-color: rgb(243,  
241, 211) }
```

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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