

Converting Colors

$Yxy(88.7147, 0.3455, 0.3663)$

Have a look what the booklet for
Yxy(88.7147, 0.3455, 0.3663)
contains.

Yxy(88.5302, 0.3455, 0.3659)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(88.5302, 0.3455, 0.3659)

Conversions

Conversions Part 1

Format	Color
Hex	FFF1CC
RGB	255, 241, 204
RGB Percent	100%, 95%, 80%
CMY	0.0000, 0.0549, 0.1999
CMYK	0.00, 0.05, 0.20, 0.00
HSL	44°, 100%, 90%
HSV	44°, 20%, 100%
XYZ	83.5944, 88.5302, 69.8273
YIQ	240.9680, 20.2210, -8.5390

Conversions

Conversions Part 2

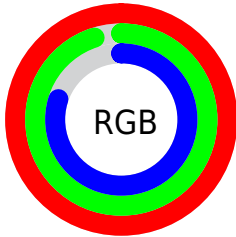
Format	Color
R _Y B	223, 255, 204
Decimal	16773580
CIE Lab	95.38, -1.05, 19.57
CIE LCh	95, 19.597, 93.072
Yxy	88.5302, 0.3455, 0.3659
Android (android.graphics.Color)	4294963660 (0xFFFFF1CC)
YUV	240.9680, -18.2252, 12.3061
Hunter-Lab	94.0905, -6.0706, 21.8625

Details

The Yxy color **88.5302, 0.3455, 0.3659** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **70.2115, 0.2802, 0.2892**, and the grayscale version is **88.0739, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.9057, 0.3525, 0.3736** is the 20% darker color. If you saturate the color by 10%, you get **83.3454, 0.3639, 0.3851**, and if you desaturate by 10%, it is **94.0823, 0.3284, 0.3471**.

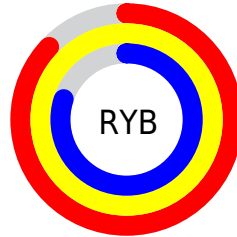
Distribution



Red (100%)

Green (95%)

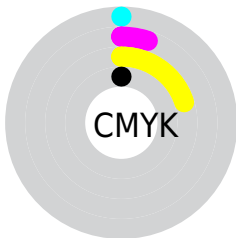
Blue (80%)



Red (87%)

Yellow (100%)

Blue (80%)

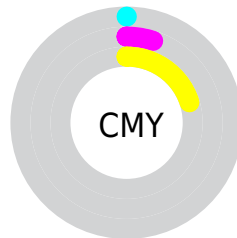


Cyan (0%)

Magenta (5%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (5%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.5302, 0.3455, 0.3659 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 88.5302, 0.3455, 0.3659 by changing the saturation by 10% instead.

 88.5302, 0.3455,
0.3659

 88.5302, 0.3455,
0.3659


523.2380, 0.3309,
0.3494

 66.7623, 0.3487,
0.3695

145.2951, 0.3405,
0.3603

 48.8914, 0.3526,
0.3739


181.0608, 0.3386,
0.3581

 34.5334, 0.3574,
0.3794


222.2612, 0.3369,
0.3562

 23.3037, 0.3635,
0.3863

269.2808, 0.3354,
0.3545

 14.8179, 0.3714,
0.3954

322.5038, 0.3341,
0.3530

 8.6917, 0.3821,
0.4078

382.3148, 0.3329,

 4.5406, 0.3974,

0.3517

0.4255

449.0980, 0.3319,
0.3505

■ 1.9803, 0.4271,
0.4600

■ 0.5960, 0.4757,
0.5243

■ 88.5302, 0.3455,
0.3659

■ 88.5302, 0.3455,
0.3659

■ 83.3454, 0.3639,
0.3851

■ 94.0823, 0.3284,
0.3471

■ 78.5046, 0.3831,
0.4039

99.9982, 0.3127,
0.3290

■ 73.9994, 0.4028,
0.4216

■ 69.8164, 0.4221,
0.4370

■ 65.9409, 0.4402,
0.4491

■ 62.3561, 0.4561,
0.4568

■ 59.0425, 0.4691,
0.4595

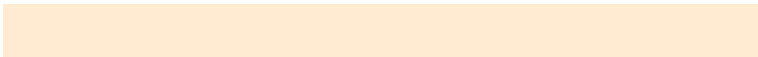
■ 55.9694, 0.4792,
0.4577

■ 55.9648, 0.4792,
0.4577

Harmonies

Analogous

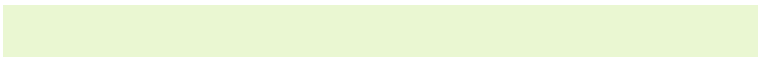
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.5302, 0.3558, 0.3544



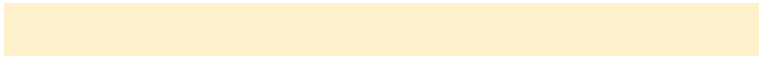
88.5302, 0.3455, 0.3659



88.5302, 0.3265, 0.3675

Triad

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



88.5302, 0.3455, 0.3659



88.5302, 0.2729, 0.3187



88.5302, 0.3201, 0.3026

Complementary

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



88.5302, 0.3455, 0.3659



70.2115, 0.2802, 0.2892

Split Complementary

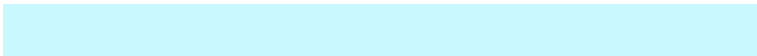
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.5302, 0.2979, 0.2934



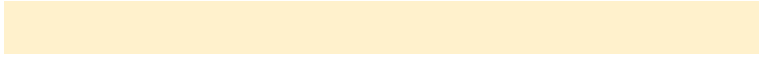
88.5302, 0.3455, 0.3659



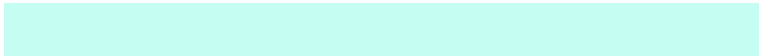
88.5302, 0.2713, 0.3019

Square

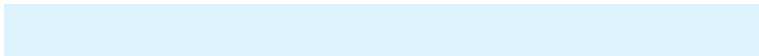
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.5302, 0.3455, 0.3659



88.5302, 0.2848, 0.3395



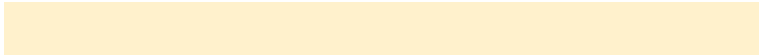
88.5302, 0.2803, 0.2930



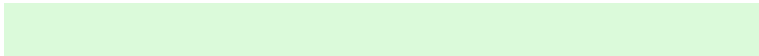
88.5302, 0.3410, 0.3182

Rectangle

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



88.5302, 0.3455, 0.3659



88.5302, 0.3116, 0.3622



88.5302, 0.2803, 0.2930



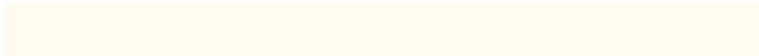
88.5302, 0.3126, 0.2987

Sweetspot

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



88.5342, 0.3455, 0.3659



96.4040, 0.3220, 0.3397



69.5454, 0.3416, 0.3144



20.5524, 0.3230, 0.3409



0.0000, 0.0000, 0.0000



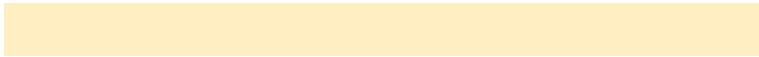
21.4041, 0.3127, 0.3290

Same Dimension

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



88.5342, 0.3455, 0.3659



86.4156, 0.3527, 0.3736



95.0990, 0.3356, 0.3802



20.1982, 0.3276, 0.3462



29.5078, 0.4780, 0.4587



3.0558, 0.4697, 0.4652

Inverse Universe

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



70.2115, 0.2802, 0.2892



65.0496, 0.2731, 0.2800



64.8780, 0.2867, 0.2748



18.1888, 0.2979, 0.3112



6.2716, 0.1593, 0.0936



0.7837, 0.1653, 0.1150

Previews

White Background



This preview shows how the Yxy color 88.5302, 0.3455, 0.3659 looks on a white background.

Color Contrast Check

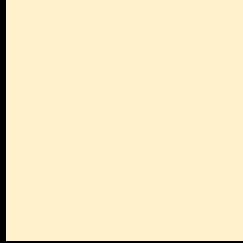
Large Text (above 18pt) WCAG AA × Fail

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 88.5302, 0.3455, 0.3659 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

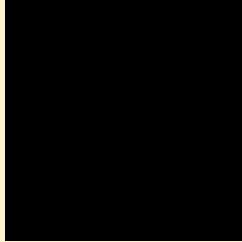
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 88.5302, 0.3455, 0.3659

Background



This preview shows how black text looks on a background with the Yxy color 88.5302, 0.3455, 0.3659.



This preview shows how white text looks on a background with the Yxy color 88.5302, 0.3455, 0.3659.

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

88.5302, 0.3455, 0.3659

Protanopia

88.5302, 0.3455, 0.3659

Deuteranopia

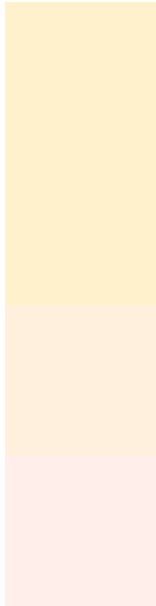
88.7062, 0.3291, 0.3379



Tritanopia

88.6679, 0.3172, 0.3174

Trichromacy



Original Color

88.5302, 0.3455, 0.3659

Protanomaly

88.5302, 0.3455, 0.3659

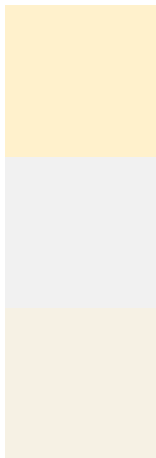
Deuteranomaly

88.8006, 0.3347, 0.3478

Tritanomaly

88.2923, 0.3273, 0.3340

Monochromacy



Original Color

88.5302, 0.3455, 0.3659

Achromatopsia

87.9622, 0.3127, 0.3290

Achromatomaly

88.1049, 0.3240, 0.3421

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.5302, 0.3455, 0.3659 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(255, 241, 204)` looks like.

```
.text, #text, p{  
    color:rgb(255, 241, 204)  
}
```

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(255, 241, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 241, 204) }
```

Border

The CSS property to change the border of an element to Yxy 88.5302, 0.3455, 0.3659 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(255, 241, 204) }
```

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

```
.border{ border-color:rgb(255, 241, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 241, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 241, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 241, 204);  
box-shadow:4px 4px 4px 4px rgb(255, 241,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 88.5302, 0.3455, 0.3659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 241, 204) }
```

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

```
.background{ background-color: rgb(255,  
241, 204) }
```

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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