

# Converting Colors

$Yxy(88.1396, 0.3516, 0.3758)$

Have a look what the booklet for  
Yxy(88.1396, 0.3516, 0.3758)  
contains.

<b>Yxy(88.0656, 0.3520, 0.3760)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	27
<b><i>CSS Examples</i></b> .....	30

# Color

**Yxy(88.0656, 0.3520, 0.3760)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFF1C2
RGB	255, 241, 194
RGB Percent	100%, 95%, 76%
CMY	0.0000, 0.0549, 0.2391
CMYK	0.00, 0.05, 0.24, 0.00
HSL	46°, 100%, 88%
HSV	46°, 24%, 100%
XYZ	82.4444, 88.0656, 63.7070
YIQ	239.8280, 23.4310, -11.6490

# Conversions

## Conversions Part 2

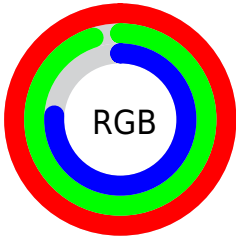
<b>Format</b>	<b>Color</b>
<b>RYB</b>	212, 255, 194
Decimal	16773570
CIELab	95.19, -2.42, 24.43
CIELCh	95, 24.545, 95.648
Yxy	88.0656, 0.3520, 0.3760
Android (android.graphics.Color)	4294963650 (0xFFFFF1C2)
YUV	239.8280, -22.5932, 13.3058
Hunter-Lab	93.8433, -7.4076, 25.4403

# Details

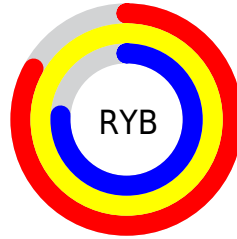
The Yxy color **88.0656, 0.3520, 0.3760** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **63.8213, 0.2730, 0.2771**, and the grayscale version is **87.1608, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.7450, 0.3150, 0.3328**, and **48.5971, 0.3608, 0.3864** is the 20% darker color. If you saturate the color by 10%, you get **83.6013, 0.3701, 0.3962**, and if you desaturate by 10%, it is **92.8330, 0.3347, 0.3559**.

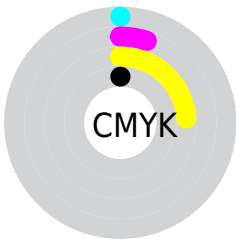
# Distribution



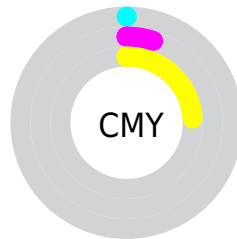
- Red (100%)
- Green (95%)
- Blue (76%)



- Red (83%)
- Yellow (100%)
- Blue (76%)



- Cyan (0%)
- Magenta (5%)
- Yellow (24%)
- Black (0%)




- Cyan (0%)
- Magenta (5%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 88.0656, 0.3520, 0.3760 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 88.0656, 0.3520, 0.3760 by changing the saturation by 10% instead.




 88.0656, 0.3520,  
0.3760

 88.0656, 0.3520,  
0.3760


521.7180, 0.3346,  
0.3550

 66.3774, 0.3558,  
0.3806


 144.6485, 0.3461,  
0.3688

 48.5788, 0.3604,  
0.3862

180.3120, 0.3438,  
0.3660

 34.2855, 0.3660,  
0.3932


221.4026, 0.3417,  
0.3636

 23.1130, 0.3731,  
0.4020

268.3049, 0.3400,  
0.3614

 14.6770, 0.3823,  
0.4134

321.4032, 0.3384,  
0.3595

 8.5930, 0.3944,  
0.4289


381.0819, 0.3370,


 4.4767, 0.4110,


0.3578


0.4505

447.7254, 0.3357,  
0.3563

 1.9436, 0.4584,  
0.5093


 0.5744, 0.4588,  
0.5412


 88.0656, 0.3520,  
0.3760


 88.0656, 0.3520,  
0.3760

 83.6013, 0.3701,  
0.3962


 92.8330, 0.3347,  
0.3559

 79.4366, 0.3887,  
0.4156

 97.9213, 0.3186,  
0.3364

 75.5570, 0.4071,  
0.4333

100.0000, 0.3127,  
0.3290

 71.9493, 0.4245,  
0.4483

■ 68.5990, 0.4400,  
0.4594

■ 65.4892, 0.4530,  
0.4660

■ 62.5995, 0.4630,  
0.4676

■ 60.9306, 0.4678,  
0.4667

# Harmonies

## Analogous

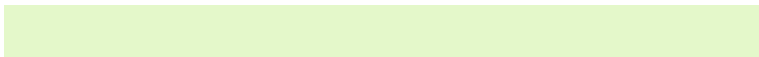
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.0656, 0.3663, 0.3620



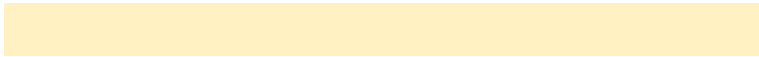
88.0656, 0.3520, 0.3760



88.0656, 0.3274, 0.3772

# Triad

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



88.0656, 0.3520, 0.3760



88.0656, 0.2625, 0.3137



88.0656, 0.3243, 0.2976

# Complementary

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



88.0656, 0.3520, 0.3760



63.8213, 0.2730, 0.2771

# 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.



88.0656, 0.2963, 0.2854



88.0656, 0.3520, 0.3760



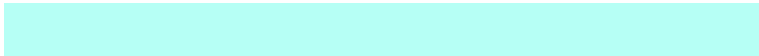
88.0656, 0.2616, 0.2935

# Square

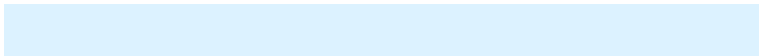
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.0656, 0.3520, 0.3760



88.0656, 0.2761, 0.3398



88.0656, 0.2737, 0.2837



88.0656, 0.3501, 0.3173

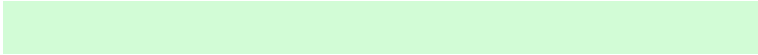


# Rectangle

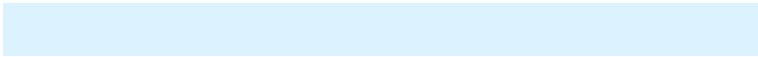
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.0656, 0.3520, 0.3760



88.0656, 0.3087, 0.3698



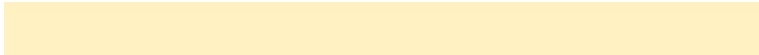
88.0656, 0.2737, 0.2837



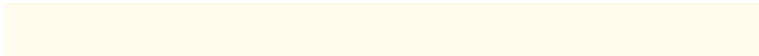
88.0656, 0.3148, 0.2925

# Sweetspot

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



88.0631, 0.3520, 0.3760



96.3148, 0.3235, 0.3423



64.4224, 0.3512, 0.3145



20.5489, 0.3244, 0.3435



0.0000, 0.0000, 0.0000

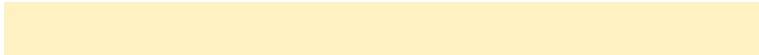


21.4041, 0.3127, 0.3290

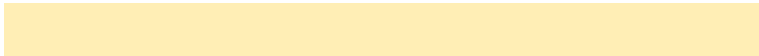


# Same Dimension

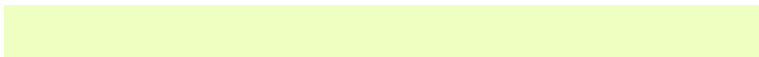
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.0631, 0.3520, 0.3760



85.7545, 0.3611, 0.3863



93.7219, 0.3381, 0.3911



20.3414, 0.3275, 0.3472



32.0748, 0.4669, 0.4675



3.2871, 0.4603, 0.4727



# Inverse Universe

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



63.8213, 0.2730, 0.2771



57.4552, 0.2636, 0.2642



59.5596, 0.2828, 0.2632



18.0547, 0.2979, 0.3101



5.5690, 0.1568, 0.0846



0.6990, 0.1624, 0.1047



# Previews

## White Background



This preview shows how the Yxy color 88.0656, 0.3520, 0.3760 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

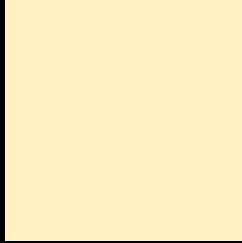
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 88.0656, 0.3520, 0.3760 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

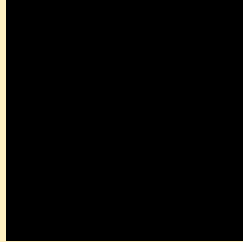
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 88.0656, 0.3520, 0.3760**

## **Background**



This preview shows how black text looks on a background with the Yxy color 88.0656, 0.3520, 0.3760.



This preview shows how white text looks on a background with the Yxy color 88.0656, 0.3520, 0.3760.

# 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

88.0656, 0.3520, 0.3760

### Protanopia

88.2018, 0.3501, 0.3730

### Deuteranopia

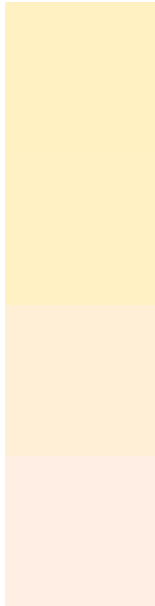
87.9551, 0.3311, 0.3399



## Tritanopia

88.0282, 0.3179, 0.3174

# Trichromacy



## Original Color

88.0656, 0.3520, 0.3760

## Protanomaly

88.1561, 0.3507, 0.3740

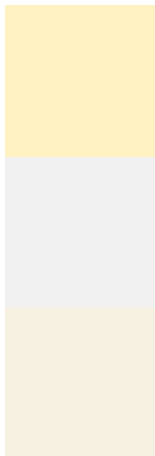
## Deuteranomaly

87.8993, 0.3387, 0.3529

## Tritanomaly

88.0105, 0.3305, 0.3389

# Monochromacy



## Original Color

88.0656, 0.3520, 0.3760

## Achromatopsia

87.1367, 0.3127, 0.3290

## Achromatomaly

87.0604, 0.3266, 0.3462

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 88.0656, 0.3520, 0.3760 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, 194)` looks like.

```
.text, #text, p{  
    color:rgb(255, 241, 194)  
}
```

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, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 241, 194) }
```

## Border

The CSS property to change the border of an element to Yxy 88.0656, 0.3520, 0.3760 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, 194) }
```

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

```
.border{ border-color:rgb(255, 241, 194) }
```

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, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 241, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 241, 194);  
box-shadow:4px 4px 4px 4px rgb(255, 241,  
194) }
```



# Background

The CSS property to change the background color of an element to Yxy 88.0656, 0.3520, 0.3760 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, 194) }
```

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

```
.background{ background-color: rgb(255,  
241, 194) }
```

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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