

Converting Colors

$Yxy(86.6671, 0.3557, 0.3792)$

Have a look what the booklet for
Yxy(86.6671, 0.3557, 0.3792)
contains.

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Color

Yxy(86.6671, 0.3557, 0.3792)

Conversions

Conversions Part 1

Format	Color
Hex	FFEFBD
RGB	255, 239, 189
RGB Percent	100%, 94%, 74%
CMY	0.0000, 0.0627, 0.2588
CMYK	0.00, 0.06, 0.26, 0.00
HSL	45°, 100%, 87%
HSV	45°, 26%, 100%
XYZ	81.2961, 86.6671, 60.5893
YIQ	238.0840, 25.5860, -12.1580

Conversions

Conversions Part 2

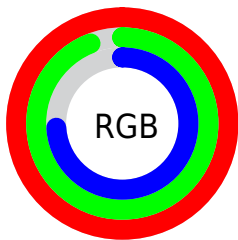
Format	Color
R _Y B	210, 255, 189
Decimal	16773053
CIE Lab	94.60, -2.09, 26.18
CIE LCh	95, 26.264, 94.563
Yxy	86.6671, 0.3557, 0.3792
Android (android.graphics.Color)	4294963133 (0xFFFFEFBD)
YUV	238.0840, -24.1984, 14.8353
Hunter-Lab	93.0952, -7.0400, 26.5788

Details

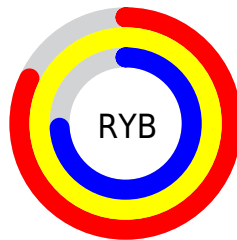
The Yxy color $86.6671, 0.3557, 0.3792$ is a light color, and the websafe version is hex `FFFFCC`. A complement of this color would be $61.7037, 0.2695, 0.2732$, and the grayscale version is $85.7448, 0.3127, 0.3290$.

A 20% lighter version of the original color is $99.3726, 0.3185, 0.3386$, and $47.6220, 0.3656, 0.3904$ is the 20% darker color. If you saturate the color by 10%, you get $82.0982, 0.3741, 0.3990$, and if you desaturate by 10%, it is $91.5565, 0.3381, 0.3593$.

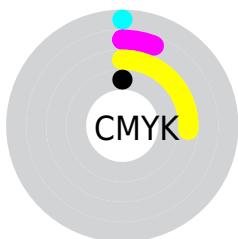
Distribution



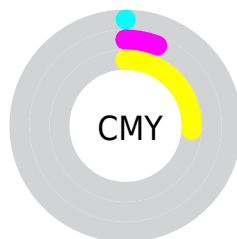
- Red (100%)
- Green (94%)
- Blue (74%)



- Red (82%)
- Yellow (100%)
- Blue (74%)



- Cyan (0%)
- Magenta (6%)
- Yellow (26%)
- Black (0%)




- Cyan (0%)
- Magenta (6%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 86.6671, 0.3557, 0.3792 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 86.6671, 0.3557, 0.3792 by changing the saturation by 10% instead.


 86.6671, 0.3557,
0.3792

 86.6671, 0.3557,
0.3792


517.1283, 0.3366,
0.3567

 65.2198, 0.3599,
0.3841


 142.7000, 0.3492,
0.3716

 47.6393, 0.3649,
0.3901


178.0544, 0.3467,
0.3685

 33.5413, 0.3711,
0.3975


218.8133, 0.3444,
0.3659

 22.5415, 0.3788,
0.4069

265.3610, 0.3425,
0.3636

 14.2553, 0.3889,
0.4191

318.0820, 0.3408,
0.3616

 8.2984, 0.4021,
0.4354

377.3606, 0.3392,

 4.2865, 0.4198,

0.3598

0.4579

443.5812, 0.3378,
0.3582

■ 1.8351, 0.4753,
0.5247

■ 0.5089, 0.4595,
0.5405

■ 86.6671, 0.3557,
0.3792

■ 86.6671, 0.3557,
0.3792

■ 82.0982, 0.3741,
0.3990

■ 91.5565, 0.3381,
0.3593

■ 77.8354, 0.3930,
0.4179

■ 96.7741, 0.3217,
0.3400

■ 73.8673, 0.4116,
0.4350

100.0000, 0.3127,
0.3290

■ 70.1803, 0.4292,
0.4491

■ 66.7593, 0.4448,
0.4592

■ 63.5866, 0.4577,
0.4645

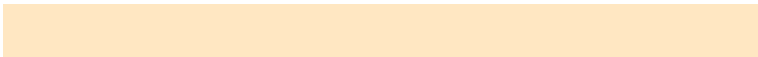
■ 60.6408, 0.4676,
0.4650

■ 59.4807, 0.4710,
0.4642

Harmonies

Analogous

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



86.6671, 0.3707, 0.3636



86.6671, 0.3557, 0.3792



86.6671, 0.3295, 0.3813

Triad

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



86.6671, 0.3557, 0.3792



86.6671, 0.2591, 0.3133



86.6671, 0.3240, 0.2947

Complementary

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



86.6671, 0.3557, 0.3792



61.7037, 0.2695, 0.2732

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.



86.6671, 0.2940, 0.2821



86.6671, 0.3557, 0.3792



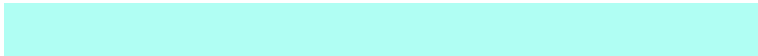
86.6671, 0.2577, 0.2913

Square

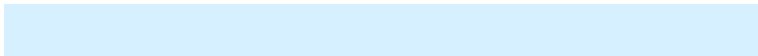
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.6671, 0.3557, 0.3792



86.6671, 0.2741, 0.3416



86.6671, 0.2702, 0.2805



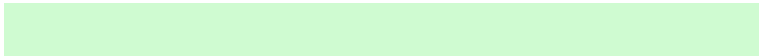
86.6671, 0.3521, 0.3155

Rectangle

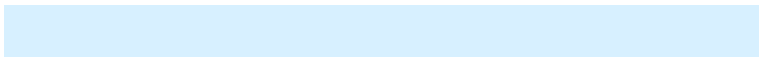
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86.6671, 0.3557, 0.3792



86.6671, 0.3094, 0.3736



86.6671, 0.2702, 0.2805



86.6671, 0.3138, 0.2894

Sweetspot

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



86.6681, 0.3557, 0.3792



95.6402, 0.3251, 0.3440



62.0893, 0.3545, 0.3121



20.3006, 0.3275, 0.3469



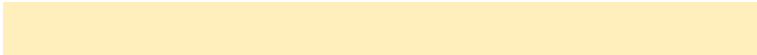
0.0000, 0.0000, 0.0000



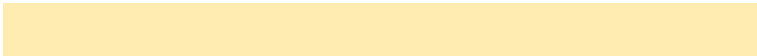
21.4041, 0.3127, 0.3290

Same Dimension

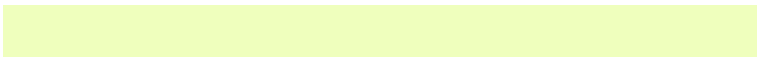
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.6681, 0.3557, 0.3792



84.2894, 0.3651, 0.3894



93.4583, 0.3409, 0.3964



20.3006, 0.3275, 0.3469



31.3250, 0.4700, 0.4650



3.2198, 0.4629, 0.4706

Inverse Universe

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



61.7037, 0.2695, 0.2732



55.5253, 0.2600, 0.2602



56.6681, 0.2792, 0.2570



18.0927, 0.2979, 0.3104



5.7551, 0.1575, 0.0870



0.7220, 0.1632, 0.1076

Previews

White Background



This preview shows how the Yxy color 86.6671, 0.3557, 0.3792 looks on a white background.

Color Contrast Check

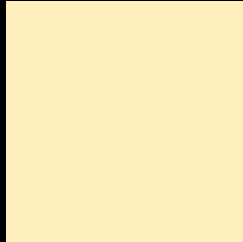
Large Text (above 18pt) WCAG AA × Fail

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 86.6671, 0.3557, 0.3792 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

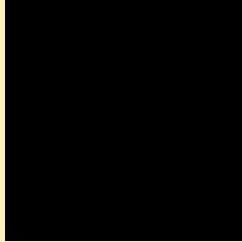
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 86.6671, 0.3557, 0.3792

Background



This preview shows how black text looks on a background with the Yxy color 86.6671, 0.3557, 0.3792.



This preview shows how white text looks on a background with the Yxy color 86.6671, 0.3557, 0.3792.

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

86.6671, 0.3557, 0.3792

Protanopia

86.6671, 0.3557, 0.3792

Deuteranopia

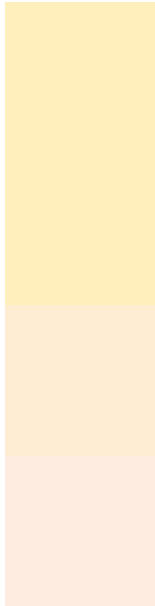
86.5786, 0.3339, 0.3419



Tritanopia

86.7595, 0.3193, 0.3173

Trichromacy



Original Color

86.6671, 0.3557, 0.3792

Protanomaly

86.6671, 0.3557, 0.3792

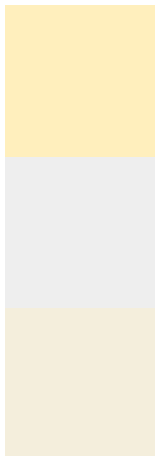
Deuteranomaly

86.5315, 0.3417, 0.3550

Tritanomaly

86.6871, 0.3326, 0.3399

Monochromacy



Original Color

86.6671, 0.3557, 0.3792

Achromatopsia

85.4993, 0.3127, 0.3290

Achromatomaly

85.5495, 0.3280, 0.3473

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.6671, 0.3557, 0.3792 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, 239, 189)` looks like.

```
.text, #text, p{  
    color:rgb(255, 239, 189)  
}
```

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, 239, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 239, 189) }
```

Border

The CSS property to change the border of an element to Yxy 86.6671, 0.3557, 0.3792 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, 239, 189) }
```

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

```
.border{ border-color:rgb(255, 239, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 239, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 239, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 239, 189);  
box-shadow:4px 4px 4px 4px rgb(255, 239,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 86.6671, 0.3557, 0.3792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 239, 189) }
```

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

```
.background{ background-color: rgb(255,  
239, 189) }
```

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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