

Converting Colors

$Y_{xy}(86.0926, 0.3476, 0.3641)$

Have a look what the booklet for
Yxy(86.0926, 0.3476, 0.3641)
contains.

Yxy(86.0926, 0.3476, 0.3641)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(86.0926, 0.3476, 0.3641)

Conversions

Conversions Part 1

Format	Color
Hex	FFEDCA
RGB	255, 237, 202
RGB Percent	100%, 93%, 79%
CMY	0.0000, 0.0706, 0.2078
CMYK	0.00, 0.07, 0.21, 0.00
HSL	40°, 100%, 90%
HSV	40°, 21%, 100%
XYZ	82.1911, 86.0926, 68.1694
YIQ	238.3920, 21.9630, -7.0690

Conversions

Conversions Part 2

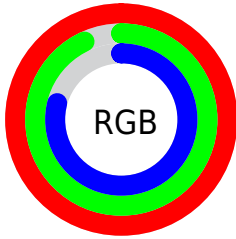
Format	Color
R _Y B	229, 255, 202
Decimal	16772554
CIE Lab	94.35, 0.70, 19.17
CIE LCh	94, 19.179, 87.903
Yxy	86.0926, 0.3476, 0.3641
Android (android.graphics.Color)	4294962634 (0xFFFFEDCA)
YUV	238.3920, -17.9413, 14.5652
Hunter-Lab	92.7861, -4.2581, 21.3902

Details

The Yxy color **86.0926, 0.3476, 0.3641** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **70.9719, 0.2791, 0.2912**, and the grayscale version is **85.9484, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.1916, 0.3553, 0.3713** is the 20% darker color. If you saturate the color by 10%, you get **80.0869, 0.3669, 0.3817**, and if you desaturate by 10%, it is **92.5405, 0.3299, 0.3468**.

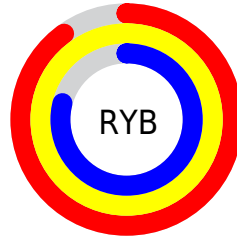
Distribution



Red (100%)

Green (93%)

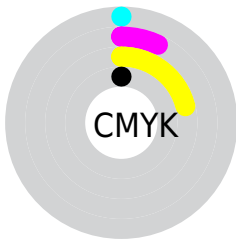
Blue (79%)



Red (90%)

Yellow (100%)

Blue (79%)

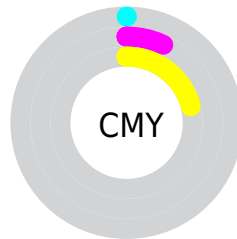


Cyan (0%)

Magenta (7%)

Yellow (21%)

Black (0%)



Cyan (0%)


Magenta (7%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 86.0926, 0.3476, 0.3641 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 86.0926, 0.3476, 0.3641 by changing the saturation by 10% instead.

 86.0926, 0.3476,
0.3641

 86.0926, 0.3476,
0.3641


515.2365, 0.3320,
0.3484

 64.7445, 0.3511,
0.3676

141.8987, 0.3423,
0.3588

 47.2540, 0.3553,
0.3718


177.1255, 0.3402,
0.3567

 33.2365, 0.3605,
0.3770


217.7474, 0.3383,
0.3548

 22.3077, 0.3671,
0.3836

264.1488, 0.3367,
0.3532

 14.0831, 0.3759,
0.3923

316.7140, 0.3353,
0.3518

 8.1785, 0.3878,
0.4041

375.8274, 0.3341,

 4.2094, 0.4049,

0.3505

0.4209

441.8734, 0.3330,
0.3494

■ 1.7914, 0.4423,
0.4580

■ 0.4818, 0.4965,
0.5035

■ 86.0926, 0.3476,
0.3641

■ 86.0926, 0.3476,
0.3641

■ 80.0869, 0.3669,
0.3817

■ 92.5405, 0.3299,
0.3468

■ 74.5098, 0.3874,
0.3991

■ 99.4427, 0.3139,
0.3303

■ 69.3474, 0.4089,
0.4153

■ 100.0000, 0.3127,
0.3290

■ 64.5846, 0.4304,
0.4293

■ 60.2046, 0.4509,
0.4399

■ 56.1888, 0.4695,
0.4460

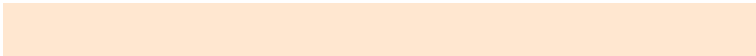
■ 52.5154, 0.4851,
0.4470

■ 49.4024, 0.4968,
0.4437

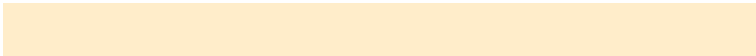
Harmonies

Analogous

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



86.0926, 0.3559, 0.3514



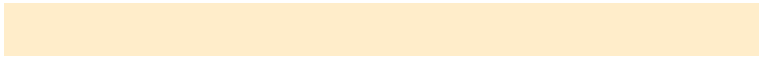
86.0926, 0.3476, 0.3641



86.0926, 0.3299, 0.3676

Triad

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



86.0926, 0.3476, 0.3641



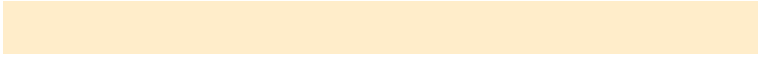
86.0926, 0.2747, 0.3223



86.0926, 0.3162, 0.3008

Complementary

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



86.0926, 0.3476, 0.3641



70.9719, 0.2791, 0.2912

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.



86.0926, 0.2947, 0.2931



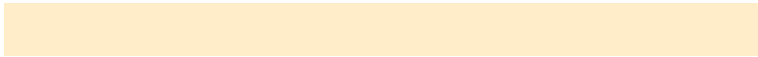
86.0926, 0.3476, 0.3641



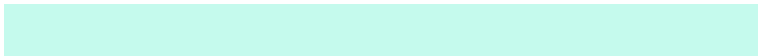
86.0926, 0.2713, 0.3046

Square

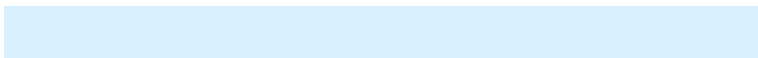
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.0926, 0.3476, 0.3641



86.0926, 0.2880, 0.3428



86.0926, 0.2784, 0.2943



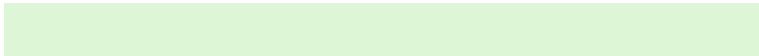
86.0926, 0.3375, 0.3154

Rectangle

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



86.0926, 0.3476, 0.3641



86.0926, 0.3155, 0.3636



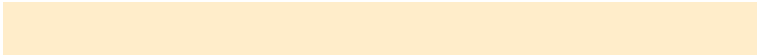
86.0926, 0.2784, 0.2943



86.0926, 0.3087, 0.2973

Sweetspot

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



86.0927, 0.3476, 0.3641



95.7818, 0.3220, 0.3388



68.7040, 0.3403, 0.3102



20.4051, 0.3231, 0.3399



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

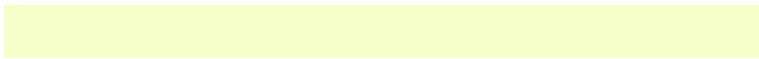
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.0927, 0.3476, 0.3641



83.5047, 0.3555, 0.3715



95.5685, 0.3389, 0.3819



19.9903, 0.3278, 0.3446



26.1017, 0.4952, 0.4450



2.7441, 0.4843, 0.4537

Inverse Universe

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



70.9719, 0.2791, 0.2912



65.8707, 0.2717, 0.2824



63.1629, 0.2831, 0.2720



18.3863, 0.2979, 0.3129



7.5500, 0.1637, 0.1092



0.9281, 0.1699, 0.1315

Previews

White Background



This preview shows how the Yxy color 86.0926, 0.3476, 0.3641 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 86.0926, 0.3476, 0.3641 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

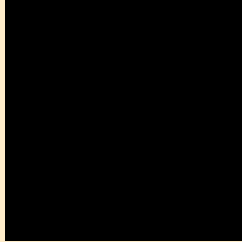
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 86.0926, 0.3476, 0.3641

Background



This preview shows how black text looks on a background with the Yxy color 86.0926, 0.3476, 0.3641.

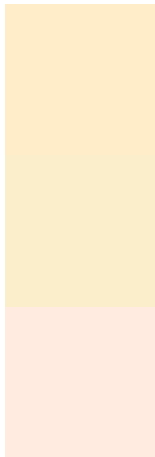


This preview shows how white text looks on a background with the Yxy color 86.0926, 0.3476, 0.3641.

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

86.0926, 0.3476, 0.3641

Protanopia

85.9701, 0.3439, 0.3644

Deuteranopia

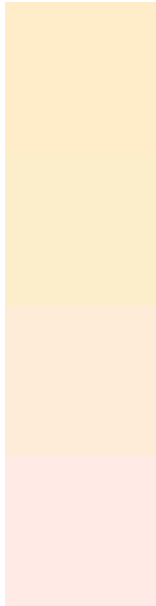
86.0585, 0.3334, 0.3400



Tritanopia

86.1916, 0.3194, 0.3164

Trichromacy



Original Color

86.0926, 0.3476, 0.3641

Protanomaly

86.1563, 0.3446, 0.3643

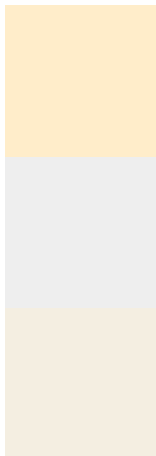
Deuteranomaly

86.2088, 0.3385, 0.3490

Tritanomaly

85.8188, 0.3296, 0.3330

Monochromacy



Original Color

86.0926, 0.3476, 0.3641

Achromatopsia

85.4993, 0.3127, 0.3290

Achromatomaly

85.8184, 0.3249, 0.3422

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.0926, 0.3476, 0.3641 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, 237, 202)` looks like.

```
.text, #text, p{  
    color:rgb(255, 237, 202)  
}
```

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, 237, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 237, 202) }
```

Border

The CSS property to change the border of an element to Yxy 86.0926, 0.3476, 0.3641 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, 237, 202) }
```

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

```
.border{ border-color:rgb(255, 237, 202) }
```

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

Here you see how a box with a 4 pixel rgb(255, 237, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 237, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 237, 202);  
box-shadow:4px 4px 4px 4px rgb(255, 237,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 86.0926, 0.3476, 0.3641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 237, 202) }
```

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

```
.background{ background-color: rgb(255,  
237, 202) }
```

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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