

Converting Colors

Yxy(81.8713, 0.3764, 0.4022)

Have a look what the booklet for
Yxy(81.8713, 0.3764, 0.4022)
contains.

Yxy(82.0759, 0.3764, 0.4026)	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(82.0759, 0.3764, 0.4026)

Conversions

Conversions Part 1

Format	Color
Hex	FFE9A0
RGB	255, 233, 160
RGB Percent	100%, 91%, 63%
CMY	0.0000, 0.0863, 0.3726
CMYK	0.00, 0.09, 0.37, 0.00
HSL	46°, 100%, 81%
HSV	46°, 37%, 100%
XYZ	76.7346, 82.0759, 45.0541
YIQ	231.2560, 36.5450, -18.0390

Conversions

Conversions Part 2

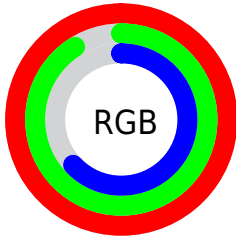
Format	Color
RYB	189, 255, 160
Decimal	16771488
CIELab	92.61, -2.57, 38.22
CIElCh	93, 38.307, 93.842
Yxy	82.0759, 0.3764, 0.4026
Android (android.graphics.Color)	4294961568 (0xFFFFE9A0)
YUV	231.2560, -35.1292, 20.8235
Hunter-Lab	90.5958, -7.3530, 33.9316

Details

The Yxy color **82.0759, 0.3764, 0.4026** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **48.1517, 0.2480, 0.2423**, and the grayscale version is **80.3541, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.6863, 0.3364, 0.3681**, and **44.3761, 0.3903, 0.4184** is the 20% darker color. If you saturate the color by 10%, you get **77.9807, 0.3950, 0.4215**, and if you desaturate by 10%, it is **86.4586, 0.3580, 0.3827**.

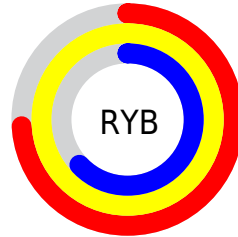
Distribution



Red (100%)

Green (91%)

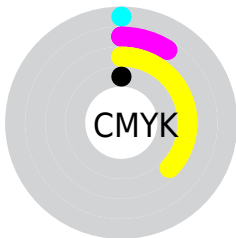
Blue (63%)



Red (74%)

Yellow (100%)

Blue (63%)

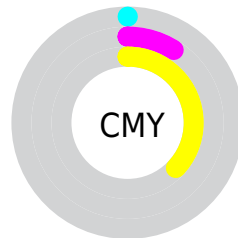


Cyan (0%)

Magenta (9%)

Yellow (37%)

Black (0%)



Cyan (0%)


Magenta (9%)

Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.0759, 0.3764, 0.4026 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 82.0759, 0.3764, 0.4026 by changing the saturation by 10% instead.


 82.0759, 0.3764,
0.4026


 82.0759, 0.3764,
0.4026


501.9015, 0.3482,
0.3696

 61.4281, 0.3824,
0.4097


 136.2804, 0.3669,
0.3915

 44.5708, 0.3896,
0.4183

 170.6060, 0.3631,
0.3870

 31.1195, 0.3984,
0.4288


210.2595, 0.3598,
0.3832

 20.6898, 0.4091,
0.4418

255.6255, 0.3569,
0.3798

 12.8975, 0.4222,
0.4580

307.0883, 0.3544,
0.3768

 7.3580, 0.4380,
0.4782

365.0323, 0.3521,

 3.6870, 0.4721,

0.3742

0.5204

429.8419, 0.3500,
0.3718

■ 1.5000, 0.4716,
0.5284

■ 0.2888, 0.4231,
0.5769

■ 82.0759, 0.3764,
0.4026

■ 82.0759, 0.3764,
0.4026

■ 77.9807, 0.3950,
0.4215

■ 86.4586, 0.3580,
0.3827

■ 74.1719, 0.4132,
0.4384

■ 91.1514, 0.3404,
0.3625

■ 70.6321, 0.4302,
0.4522

■ 96.1612, 0.3239,
0.3428

■ 67.3461, 0.4450,
0.4618

100.0000, 0.3127,
0.3290

■ 64.2959, 0.4571,
0.4667

■ 61.4589, 0.4661,
0.4668

■ 60.7085, 0.4683,
0.4664

Harmonies

Analogous

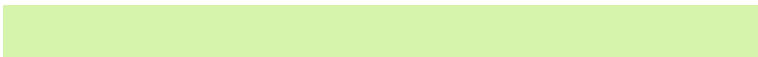
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.0759, 0.3990, 0.3774



82.0759, 0.3764, 0.4026



82.0759, 0.3374, 0.4083

Triad

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



82.0759, 0.3764, 0.4026



82.0759, 0.2350, 0.3054



82.0759, 0.3278, 0.2788

Complementary

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



82.0759, 0.3764, 0.4026



48.1517, 0.2480, 0.2423

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.



82.0759, 0.2837, 0.2611



82.0759, 0.3764, 0.4026



82.0759, 0.2328, 0.2735

Square

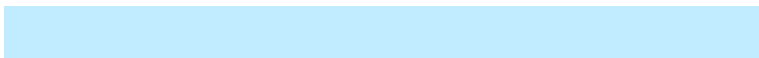
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.0759, 0.3764, 0.4026



82.0759, 0.2565, 0.3484



82.0759, 0.2498, 0.2586



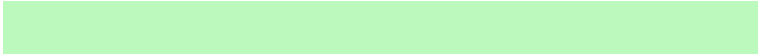
82.0759, 0.3704, 0.3079

Rectangle

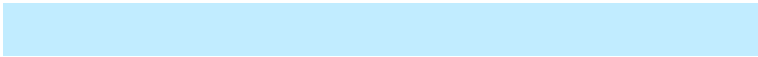
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.0759, 0.3764, 0.4026



82.0759, 0.3079, 0.3977



82.0759, 0.2498, 0.2586



82.0759, 0.3126, 0.2714

Sweetspot

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



82.0722, 0.3764, 0.4026



94.2474, 0.3299, 0.3501



49.7855, 0.3827, 0.3059



20.0269, 0.3322, 0.3528



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

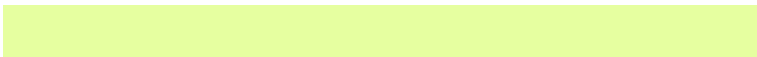
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.0722, 0.3764, 0.4026



78.8783, 0.3908, 0.4174



90.8259, 0.3515, 0.4278



20.3352, 0.3275, 0.3472



31.9600, 0.4673, 0.4671



3.2768, 0.4607, 0.4724

Inverse Universe

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



48.1517, 0.2480, 0.2423



40.3928, 0.2330, 0.2204



42.7170, 0.2619, 0.2206



18.0604, 0.2979, 0.3102



5.5966, 0.1569, 0.0849



0.7024, 0.1626, 0.1052

Previews

White Background



This preview shows how the Yxy color 82.0759, 0.3764, 0.4026 looks on a white background.

Color Contrast Check

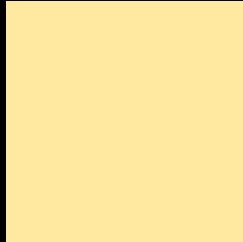
Large Text (above 18pt) WCAG AA × Fail

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 82.0759, 0.3764, 0.4026 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 82.0759, 0.3764, 0.4026

Background



This preview shows how black text looks on a background with the Yxy color 82.0759, 0.3764, 0.4026.

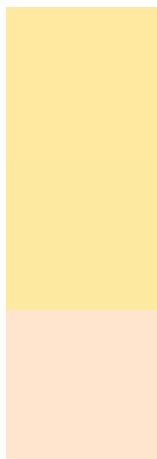


This preview shows how white text looks on a background with the Yxy color 82.0759, 0.3764, 0.4026.

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

82.0759, 0.3764, 0.4026

Protanopia

82.2663, 0.3745, 0.4039

Deuteranopia

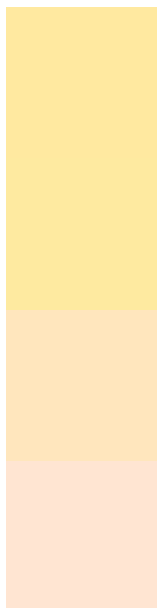
81.7549, 0.3464, 0.3523



Tritanopia

81.8258, 0.3251, 0.3172

Trichromacy



Original Color

82.0759, 0.3764, 0.4026

Protanomaly

82.4545, 0.3753, 0.4037

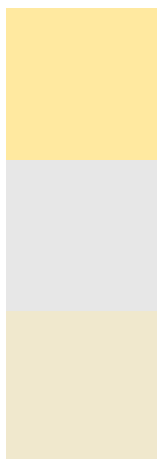
Deuteranomaly

81.5278, 0.3579, 0.3706

Tritanomaly

81.9518, 0.3437, 0.3482

Monochromacy



Original Color

82.0759, 0.3764, 0.4026

Achromatopsia

79.9103, 0.3127, 0.3290

Achromatomaly

80.6463, 0.3358, 0.3572

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.0759, 0.3764, 0.4026 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, 233, 160)` looks like.

```
.text, #text, p{  
    color:rgb(255, 233, 160)  
}
```

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, 233, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 233, 160) }
```

Border

The CSS property to change the border of an element to Yxy 82.0759, 0.3764, 0.4026 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, 233, 160) }
```

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

```
.border{ border-color:rgb(255, 233, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 233, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 233, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 233, 160);  
box-shadow:4px 4px 4px 4px rgb(255, 233,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 82.0759, 0.3764, 0.4026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 233, 160) }
```

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

```
.background{ background-color: rgb(255,  
233, 160) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor