

Converting Colors

$Yxy(89.2664, 0.3373, 0.3532)$

Have a look what the booklet for
Yxy(89.2664, 0.3373, 0.3532)
contains.

Yxy(89.1803, 0.3371, 0.3528)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(89.1803, 0.3371, 0.3528)

Conversions

Conversions Part 1

Format	Color
Hex	FFF1D9
RGB	255, 241, 217
RGB Percent	100%, 95%, 85%
CMY	0.0002, 0.0548, 0.1489
CMYK	0.00, 0.05, 0.15, 0.00
HSL	38°, 100%, 93%
HSV	38°, 15%, 100%
XYZ	85.2117, 89.1803, 78.3867
YIQ	242.4500, 16.0480, -4.4960

Conversions

Conversions Part 2

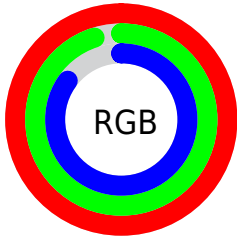
Format	Color
RYB	239, 255, 217
Decimal	16773593
CIELab	95.66, 0.85, 13.26
CIELCh	96, 13.288, 86.344
Yxy	89.1803, 0.3371, 0.3528
Android (android.graphics.Color)	4294963673 (0xFFFFF1D9)
YUV	242.4500, -12.5468, 11.0064
Hunter-Lab	94.4353, -4.1962, 16.8907

Details

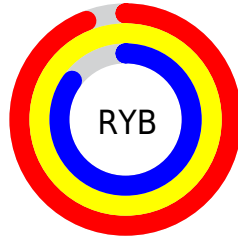
The Yxy color **89.1803, 0.3371, 0.3528** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **79.1109, 0.2891, 0.3040**, and the grayscale version is **89.2602, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.3123, 0.3425, 0.3581** is the 20% darker color. If you saturate the color by 10%, you get **82.5504, 0.3557, 0.3696**, and if you desaturate by 10%, it is **96.3086, 0.3203, 0.3366**.

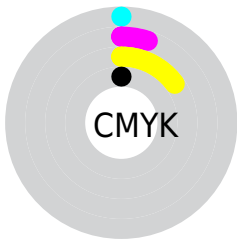
Distribution



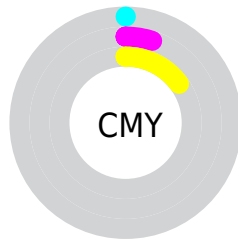
- Red (100%)
- Green (95%)
- Blue (85%)



- Red (94%)
- Yellow (100%)
- Blue (85%)



- Cyan (0%)
- Magenta (5%)
- Yellow (15%)
- Black (0%)




- Cyan (0%)
- Magenta (5%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 89.1803, 0.3371, 0.3528 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 89.1803, 0.3371, 0.3528 by changing the saturation by 10% instead.


 89.1803, 0.3371,
0.3528

 89.1803, 0.3371,
0.3528


525.3608, 0.3262,
0.3422

 67.3010, 0.3395,
0.3551


146.1993, 0.3334,
0.3492

 49.3293, 0.3424,
0.3580


182.1077, 0.3319,
0.3478

 34.8808, 0.3460,
0.3615


223.4613, 0.3307,
0.3465

 23.5710, 0.3507,
0.3659

270.6445, 0.3296,
0.3455

 15.0157, 0.3568,
0.3718

324.0417, 0.3286,
0.3445

 8.8304, 0.3652,
0.3798

384.0372, 0.3277,

 4.6307, 0.3774,

0.3437

0.3915

451.0154, 0.3269,
0.3429

■ 2.0323, 0.3967,
0.4097

■ 0.6261, 0.4958,
0.5042

■ 89.1803, 0.3371,
0.3528

■ 89.1803, 0.3371,
0.3528

■ 82.5504, 0.3557,
0.3696

■ 96.3086, 0.3203,
0.3366

■ 76.3935, 0.3760,
0.3866

99.9926, 0.3127,
0.3290

■ 70.6990, 0.3976,
0.4029

■ 65.4515, 0.4201,
0.4178

■ 60.6342, 0.4424,
0.4300

■ 56.2287, 0.4635,
0.4384

■ 52.2142, 0.4823,
0.4419

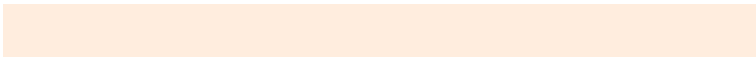
■ 48.5661, 0.4978,
0.4400

■ 46.8232, 0.5047,
0.4375

Harmonies

Analogous

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



89.1803, 0.3423, 0.3441



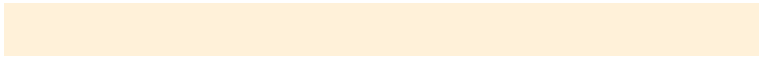
89.1803, 0.3371, 0.3528



89.1803, 0.3254, 0.3552

Triad

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



89.1803, 0.3371, 0.3528



89.1803, 0.2868, 0.3253



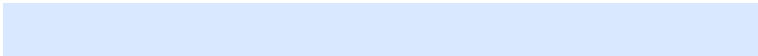
89.1803, 0.3144, 0.3090

Complementary

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



89.1803, 0.3371, 0.3528



79.1109, 0.2891, 0.3040

Split Complementary

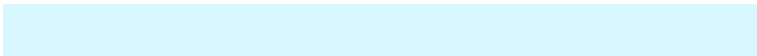
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



89.1803, 0.2997, 0.3040



89.1803, 0.3371, 0.3528



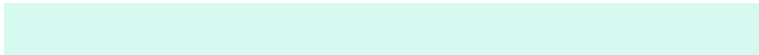
89.1803, 0.2840, 0.3130

Square

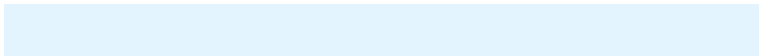
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



89.1803, 0.3371, 0.3528



89.1803, 0.2964, 0.3391



89.1803, 0.2887, 0.3053



89.1803, 0.3290, 0.3190

Rectangle

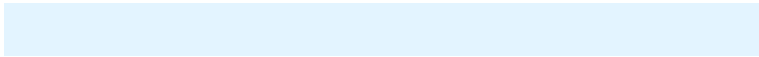
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89.1803, 0.3371, 0.3528



89.1803, 0.3156, 0.3527



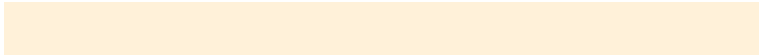
89.1803, 0.2887, 0.3053



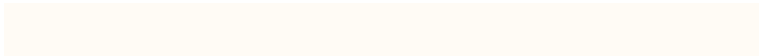
89.1803, 0.3093, 0.3067

Sweetspot

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



89.1843, 0.3371, 0.3528



96.9912, 0.3189, 0.3352



76.6952, 0.3304, 0.3145



20.6409, 0.3201, 0.3364



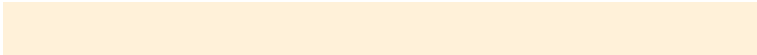
0.0000, 0.0000, 0.0000



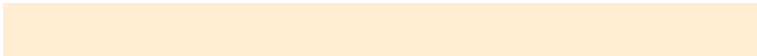
21.4041, 0.3127, 0.3290

Same Dimension

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



89.1843, 0.3371, 0.3528



87.0909, 0.3427, 0.3580



96.9297, 0.3322, 0.3664



19.9021, 0.3278, 0.3440



24.7694, 0.5029, 0.4389



2.6205, 0.4908, 0.4485

Inverse Universe

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



79.1109, 0.2891, 0.3040



75.1685, 0.2839, 0.2982



72.3019, 0.2915, 0.2894



18.4713, 0.2979, 0.3135



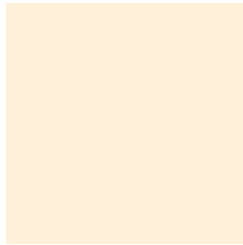
8.1916, 0.1657, 0.1166



0.9976, 0.1720, 0.1391

Previews

White Background



This preview shows how the Yxy color 89.1803, 0.3371, 0.3528 looks on a white background.

Color Contrast Check

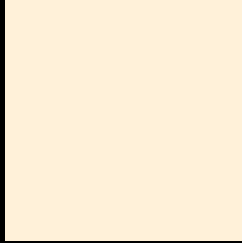
Large Text (above 18pt) WCAG AA × Fail

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 89.1803, 0.3371, 0.3528 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

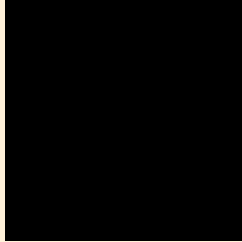
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 89.1803, 0.3371, 0.3528

Background



This preview shows how black text looks on a background with the Yxy color 89.1803, 0.3371, 0.3528.



This preview shows how white text looks on a background with the Yxy color 89.1803, 0.3371, 0.3528.

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

89.1803, 0.3371, 0.3528

Protanopia

89.3967, 0.3356, 0.3539

Deuteranopia

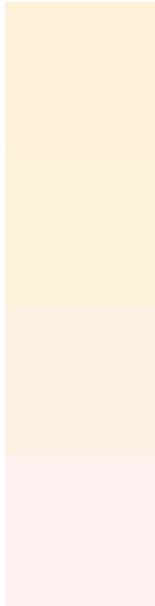
88.9335, 0.3265, 0.3339



Tritanopia

89.3741, 0.3159, 0.3165

Trichromacy



Original Color

89.1803, 0.3371, 0.3528

Protanomaly

89.5848, 0.3363, 0.3538

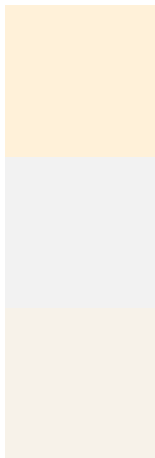
Deuteranomaly

89.1816, 0.3302, 0.3409

Tritanomaly

89.2250, 0.3234, 0.3290

Monochromacy



Original Color

89.1803, 0.3371, 0.3528

Achromatopsia

88.7923, 0.3127, 0.3290

Achromatomaly

89.1616, 0.3215, 0.3380

CSS Examples

Text

The CSS property to change the color of the text to Yxy 89.1803, 0.3371, 0.3528 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, 217)` looks like.

```
.text, #text, p{  
    color:rgb(255, 241, 217)  
}
```

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, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 241, 217) }
```

Border

The CSS property to change the border of an element to Yxy 89.1803, 0.3371, 0.3528 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, 217) }
```

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

```
.border{ border-color:rgb(255, 241, 217) }
```

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, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 241, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 241, 217);  
box-shadow:4px 4px 4px 4px rgb(255, 241,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 89.1803, 0.3371, 0.3528 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, 217) }
```

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

```
.background{ background-color: rgb(255,  
241, 217) }
```

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