

Converting Colors

$Y_{xy}(87.2979, 0.3548, 0.3791)$

Have a look what the booklet for
Yxy(87.2979, 0.3548, 0.3791)
contains.

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Color

Yxy(87.2979, 0.3548, 0.3791)

Conversions

Conversions Part 1

Format	Color
Hex	FFF0BE
RGB	255, 240, 190
RGB Percent	100%, 94%, 75%
CMY	0.0000, 0.0588, 0.2548
CMYK	0.00, 0.06, 0.25, 0.00
HSL	46°, 100%, 87%
HSV	46°, 25%, 100%
XYZ	81.7022, 87.2979, 61.2766
YIQ	238.7850, 24.9900, -12.3700

Conversions

Conversions Part 2

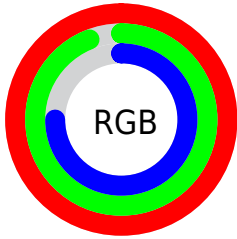
Format	Color
RYB	210, 255, 190
Decimal	16773310
CIELab	94.86, -2.45, 26.02
CIELCh	95, 26.138, 95.388
Yxy	87.2979, 0.3548, 0.3791
Android (android.graphics.Color)	4294963390 (0xFFFFF0BE)
YUV	238.7850, -24.0510, 14.2206
Hunter-Lab	93.4333, -7.4202, 26.5190

Details

The Yxy color **87.2979, 0.3548, 0.3791** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **61.8504, 0.2701, 0.2733**, and the grayscale version is **86.3177, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4954, 0.3173, 0.3367**, and **48.0643, 0.3644, 0.3903** is the 20% darker color. If you saturate the color by 10%, you get **82.8678, 0.3730, 0.3992**, and if you desaturate by 10%, it is **92.0362, 0.3374, 0.3590**.

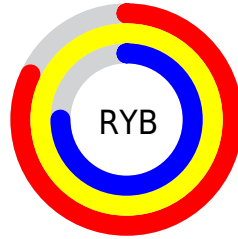
Distribution



Red (100%)

Green (94%)

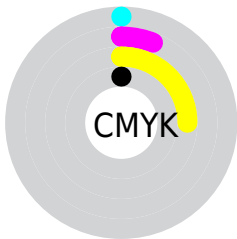
Blue (75%)



Red (82%)

Yellow (100%)

Blue (75%)

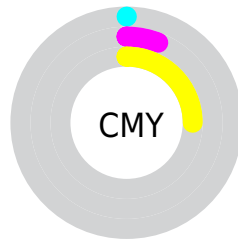


Cyan (0%)

Magenta (6%)

Yellow (25%)

Black (0%)



Cyan (0%)

Magenta (6%)

Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 87.2979, 0.3548, 0.3791 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 87.2979, 0.3548, 0.3791 by changing the saturation by 10% instead.


 87.2979, 0.3548,
0.3791

 87.2979, 0.3548,
0.3791


519.2013, 0.3361,
0.3567

 65.7418, 0.3589,
0.3840


 143.5793, 0.3485,
0.3715

 48.0628, 0.3638,
0.3900


179.0733, 0.3460,
0.3685

 33.8766, 0.3698,
0.3974


219.9821, 0.3438,
0.3658

 22.7988, 0.3774,
0.4067


266.6901, 0.3419,
0.3636

 14.4450, 0.3871,
0.4189

319.5816, 0.3402,
0.3615

 8.4308, 0.3999,
0.4352

379.0410, 0.3387,

 4.3719, 0.4172,

0.3597

0.4578

445.4528, 0.3373,
0.3581

■ 1.8837, 0.4734,
0.5266

■ 0.5385, 0.4563,
0.5437

■ 87.2979, 0.3548,
0.3791

■ 87.2979, 0.3548,
0.3791

■ 82.8678, 0.3730,
0.3992

■ 92.0362, 0.3374,
0.3590

■ 78.7338, 0.3917,
0.4184

■ 97.0922, 0.3211,
0.3394

■ 74.8840, 0.4100,
0.4357

100.0000, 0.3127,
0.3290

■ 71.3051, 0.4272,
0.4501

■ 67.9822, 0.4425,
0.4606

■ 64.8979, 0.4550,
0.4663

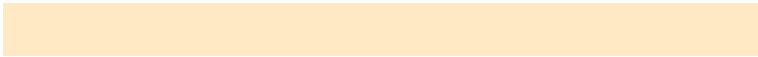
■ 62.0311, 0.4646,
0.4672

■ 60.7926, 0.4681,
0.4665

Harmonies

Analogous

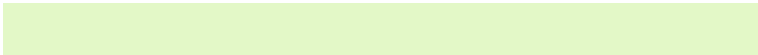
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.2979, 0.3701, 0.3639



87.2979, 0.3548, 0.3791



87.2979, 0.3285, 0.3807

Triad

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



87.2979, 0.3548, 0.3791



87.2979, 0.2592, 0.3128



87.2979, 0.3248, 0.2954

Complementary

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



87.2979, 0.3548, 0.3791



61.8504, 0.2701, 0.2733

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.



87.2979, 0.2949, 0.2826



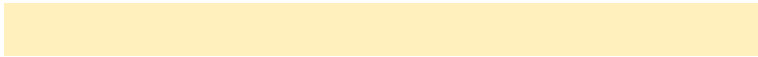
87.2979, 0.3548, 0.3791



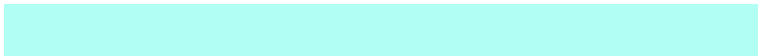
87.2979, 0.2583, 0.2912

Square

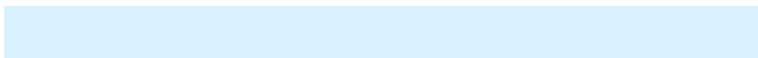
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



87.2979, 0.3548, 0.3791



87.2979, 0.2738, 0.3407



87.2979, 0.2710, 0.2807



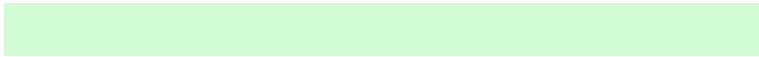
87.2979, 0.3524, 0.3163

Rectangle

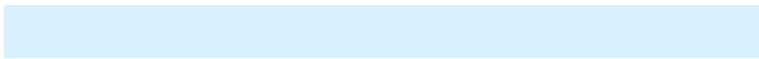
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



87.2979, 0.3548, 0.3791



87.2979, 0.3086, 0.3728



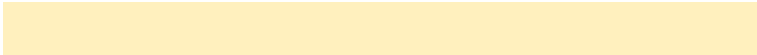
87.2979, 0.2710, 0.2807



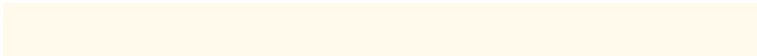
87.2979, 0.3146, 0.2901

Sweetspot

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



87.2982, 0.3548, 0.3791



95.7862, 0.3251, 0.3442



62.5180, 0.3545, 0.3135



20.3376, 0.3275, 0.3472



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

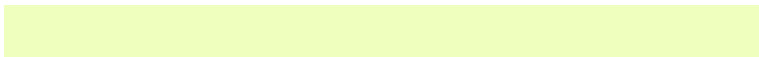
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.2982, 0.3548, 0.3791



84.8141, 0.3648, 0.3902



93.3601, 0.3397, 0.3954



20.3376, 0.3275, 0.3472



32.0035, 0.4672, 0.4673



3.2807, 0.4606, 0.4725

Inverse Universe

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



61.8504, 0.2701, 0.2733



55.1186, 0.2599, 0.2591



57.3779, 0.2805, 0.2584



18.0582, 0.2979, 0.3102



5.5861, 0.1569, 0.0848



0.7011, 0.1625, 0.1050

Previews

White Background



This preview shows how the Yxy color 87.2979, 0.3548, 0.3791 looks on a white background.

Color Contrast Check

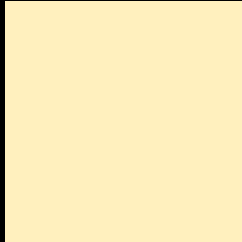
Large Text (above 18pt) WCAG AA × Fail

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 87.2979, 0.3548, 0.3791 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

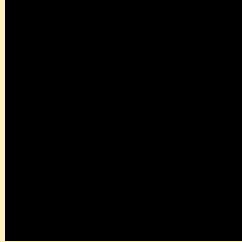
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 87.2979, 0.3548, 0.3791

Background



This preview shows how black text looks on a background with the Yxy color 87.2979, 0.3548, 0.3791.



This preview shows how white text looks on a background with the Yxy color 87.2979, 0.3548, 0.3791.

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

87.2979, 0.3548, 0.3791

Protanopia

87.3859, 0.3535, 0.3771

Deuteranopia

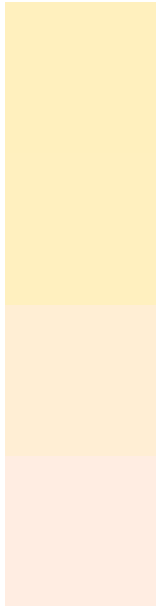
87.2646, 0.3325, 0.3409



Tritanopia

87.3921, 0.3186, 0.3174

Trichromacy



Original Color

87.2979, 0.3548, 0.3791

Protanomaly

87.3418, 0.3542, 0.3781

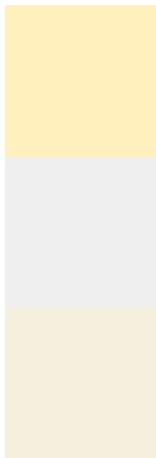
Deuteranomaly

87.1625, 0.3408, 0.3550

Tritanomaly

87.3194, 0.3319, 0.3399

Monochromacy



Original Color

87.2979, 0.3548, 0.3791

Achromatopsia

86.3157, 0.3127, 0.3290

Achromatomaly

86.3659, 0.3280, 0.3472

CSS Examples

Text

The CSS property to change the color of the text to Yxy 87.2979, 0.3548, 0.3791 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, 240, 190)` looks like.

```
.text, #text, p{  
    color:rgb(255, 240, 190)  
}
```

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, 240, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 240, 190) }
```

Border

The CSS property to change the border of an element to Yxy 87.2979, 0.3548, 0.3791 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, 240, 190) }
```

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

```
.border{ border-color:rgb(255, 240, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 240, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 240, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 240, 190);  
box-shadow:4px 4px 4px 4px rgb(255, 240,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 87.2979, 0.3548, 0.3791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 240, 190) }
```

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

```
.background{ background-color: rgb(255,  
240, 190) }
```

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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