

Converting Colors

$Yxy(88.9797, 0.3375, 0.3531)$

Have a look what the booklet for
Yxy(88.9797, 0.3375, 0.3531)
contains.

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Color

Yxy(89.1285, 0.3378, 0.3538)

Conversions

Conversions Part 1

Format	Color
Hex	FFF1D8
RGB	255, 241, 216
RGB Percent	100%, 95%, 85%
CMY	0.0000, 0.0549, 0.1529
CMYK	0.00, 0.05, 0.15, 0.00
HSL	38°, 100%, 92%
HSV	38°, 15%, 100%
XYZ	85.0978, 89.1285, 77.6914
YIQ	242.3360, 16.3690, -4.8070

Conversions

Conversions Part 2

Format	Color
R_{YB}	238, 255, 216
Decimal	16773592
CIE _{Lab}	95.63, 0.73, 13.75
CIE _{LCh}	96, 13.774, 86.980
Yxy	89.1285, 0.3378, 0.3538
Android (android.graphics.Color)	4294963672 (0xFFFFF1D8)
YUV	242.3360, -12.9836, 11.1063
Hunter-Lab	94.4079, -4.3167, 17.2938

Details

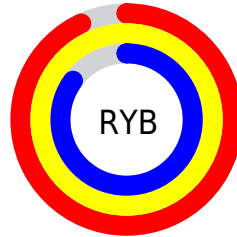
The Yxy color $89.1285, 0.3378, 0.3538$ is a light color, and the websafe version is hex `FFFFCC`. A complement of this color would be $78.4229, 0.2884, 0.3029$, and the grayscale version is $89.1673, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $49.2769, 0.3433, 0.3594$ is the 20% darker color. If you saturate the color by 10%, you get $82.6228, 0.3564, 0.3708$, and if you desaturate by 10%, it is $96.1097, 0.3209, 0.3374$.

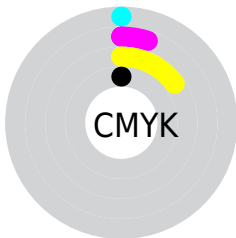
Distribution



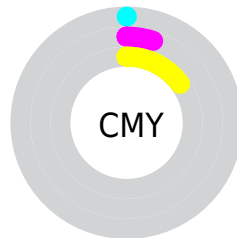
- Red (100%)
- Green (95%)
- Blue (85%)



- Red (93%)
- 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 89.1285, 0.3378, 0.3538 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 89.1285, 0.3378, 0.3538 by changing the saturation by 10% instead.

 89.1285, 0.3378,
0.3538

 89.1285, 0.3378,
0.3538

525.1918, 0.3266,
0.3428

 67.2581, 0.3403,
0.3562

146.1272, 0.3340,
0.3500

 49.2944, 0.3433,
0.3592

182.0243, 0.3325,
0.3486

 34.8530, 0.3470,
0.3628


223.3658, 0.3312,
0.3473

 23.5497, 0.3517,
0.3675

270.5359, 0.3300,
0.3462

 14.9999, 0.3580,
0.3736

323.9192, 0.3290,
0.3452

 8.8193, 0.3666,
0.3820

383.9000, 0.3281,

 4.6235, 0.3792,

0.3443

0.3941

450.8628, 0.3273,
0.3435

■ 2.0281, 0.3989,
0.4131

■ 0.6237, 0.4947,
0.5053

■ 89.1285, 0.3378,
0.3538

■ 89.1285, 0.3378,
0.3538

■ 82.6228, 0.3564,
0.3708

■ 96.1097, 0.3209,
0.3374

■ 76.5819, 0.3766,
0.3880

100.0000, 0.3127,
0.3290

■ 70.9907, 0.3981,
0.4045

■ 65.8340, 0.4203,
0.4195

■ 61.0954, 0.4422,
0.4317

■ 56.7565, 0.4629,
0.4401

■ 52.7970, 0.4812,
0.4435

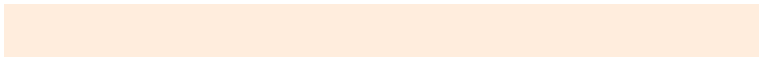
■ 49.1922, 0.4961,
0.4417

■ 47.6022, 0.5023,
0.4394

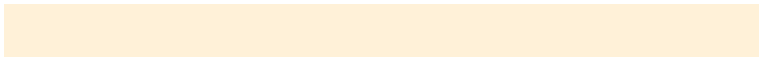
Harmonies

Analogous

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



89.1285, 0.3433, 0.3448



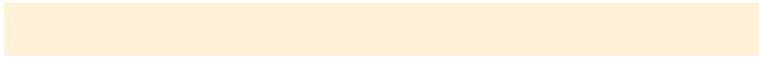
89.1285, 0.3378, 0.3538



89.1285, 0.3255, 0.3562

Triad

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



89.1285, 0.3378, 0.3538



89.1285, 0.2858, 0.3249



89.1285, 0.3148, 0.3085

Complementary

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



89.1285, 0.3378, 0.3538



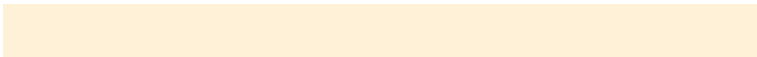
78.4229, 0.2884, 0.3029

Split Complementary

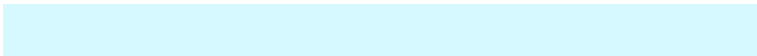
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



89.1285, 0.2995, 0.3031



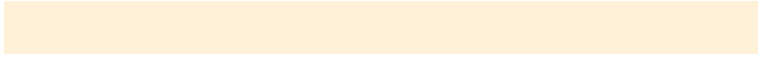
89.1285, 0.3378, 0.3538



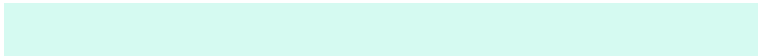
89.1285, 0.2830, 0.3122

Square

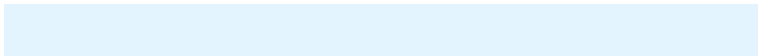
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



89.1285, 0.3378, 0.3538



89.1285, 0.2956, 0.3392



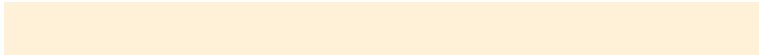
89.1285, 0.2880, 0.3044



89.1285, 0.3299, 0.3189

Rectangle

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



89.1285, 0.3378, 0.3538



89.1285, 0.3153, 0.3535



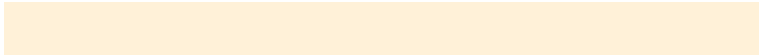
89.1285, 0.2880, 0.3044



89.1285, 0.3095, 0.3060

Sweetspot

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



89.1276, 0.3378, 0.3538



96.3189, 0.3205, 0.3369



76.1087, 0.3314, 0.3148



20.5076, 0.3216, 0.3380



0.0000, 0.0000, 0.0000



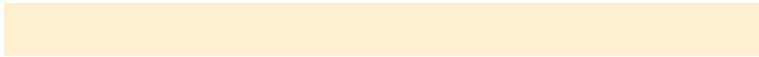
21.4041, 0.3127, 0.3290

Same Dimension

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



89.1276, 0.3378, 0.3538



87.3177, 0.3427, 0.3584



96.7659, 0.3323, 0.3675



19.9288, 0.3278, 0.3442



25.1662, 0.5005, 0.4408



2.6574, 0.4888, 0.4501

Inverse Universe

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



78.4229, 0.2884, 0.3029



74.9573, 0.2839, 0.2978



71.7435, 0.2913, 0.2883



18.4454, 0.2979, 0.3133



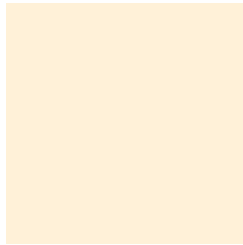
7.9906, 0.1651, 0.1143



0.9760, 0.1713, 0.1368

Previews

White Background



This preview shows how the Yxy color 89.1285, 0.3378, 0.3538 looks on a white background.

Color Contrast Check

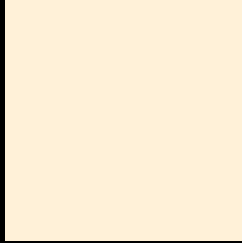
Large Text (above 18pt) WCAG AA × Fail

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 89.1285, 0.3378, 0.3538 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

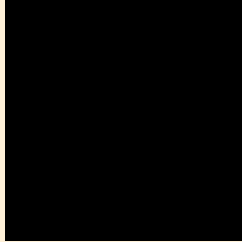
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 89.1285, 0.3378, 0.3538

Background



This preview shows how black text looks on a background with the Yxy color 89.1285, 0.3378, 0.3538.



This preview shows how white text looks on a background with the Yxy color 89.1285, 0.3378, 0.3538.

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

89.1285, 0.3378, 0.3538

Protanopia

89.3448, 0.3363, 0.3549

Deuteranopia

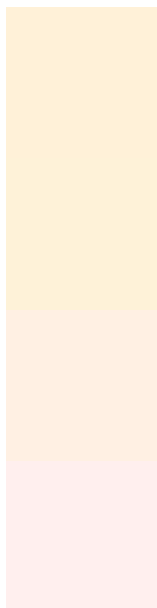
88.9335, 0.3265, 0.3339



Tritanopia

89.3741, 0.3159, 0.3165

Trichromacy



Original Color

89.1285, 0.3378, 0.3538

Protanomaly

89.5330, 0.3370, 0.3548

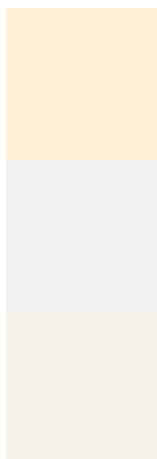
Deuteranomaly

89.1262, 0.3309, 0.3418

Tritanomaly

89.1661, 0.3240, 0.3300

Monochromacy



Original Color

89.1285, 0.3378, 0.3538

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 89.1285, 0.3378, 0.3538 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, 216)` looks like.

```
.text, #text, p{  
    color:rgb(255, 241, 216)  
}
```

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, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 241, 216) }
```

Border

The CSS property to change the border of an element to Yxy 89.1285, 0.3378, 0.3538 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, 216) }
```

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

```
.border{ border-color:rgb(255, 241, 216) }
```

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, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 241, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 241, 216);  
box-shadow:4px 4px 4px 4px rgb(255, 241,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 89.1285, 0.3378, 0.3538 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, 216) }
```

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

```
.background{ background-color: rgb(255,  
241, 216) }
```

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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