

Converting Colors

$Y_{xy}(98.1985, 0.3586, 0.3347)$

Have a look what the booklet for
Yxy(98.1985, 0.3586, 0.3347)
contains.

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Color

Yxy(88.8192, 0.3278, 0.3359)

Conversions

Conversions Part 1

Format	Color
Hex	FFFEF8
RGB	255, 239, 232
RGB Percent	100%, 94%, 91%
CMY	0.0000, 0.0627, 0.0902
CMYK	0.00, 0.06, 0.09, 0.00
HSL	18°, 100%, 95%
HSV	18°, 9%, 100%
XYZ	86.6774, 88.8192, 88.9250
YIQ	242.9860, 11.7830, 1.2150

Conversions

Conversions Part 2

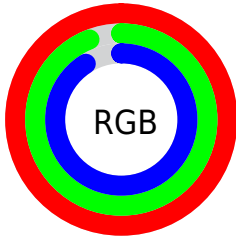
Format	Color
RYB	255, 242, 232
Decimal	16773096
CIELab	95.50, 4.25, 5.30
CIELCh	96, 6.794, 51.314
Yxy	88.8192, 0.3278, 0.3359
Android (android.graphics.Color)	4294963176 (0xFFFFEFE8)
YUV	242.9860, -5.4161, 10.5363
Hunter-Lab	94.2439, -0.7581, 10.0270

Details

The Yxy color **88.8192, 0.3278, 0.3359** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **91.5178, 0.2987, 0.3220**, and the grayscale version is **89.6529, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.0073, 0.3313, 0.3378** is the 20% darker color. If you saturate the color by 10%, you get **77.5880, 0.3475, 0.3440**, and if you desaturate by 10%, it is **100.0000, 0.3127, 0.3290**.

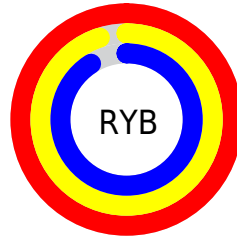
Distribution



Red (100%)

Green (94%)

Blue (91%)



Red (100%)

Yellow (95%)

Blue (91%)



Cyan (0%)

Magenta (6%)

Yellow (9%)

Black (0%)



Cyan (0%)


Magenta (6%)


Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 88.8192, 0.3278, 0.3359 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 88.8192, 0.3278, 0.3359 by changing the saturation by 10% instead.


 88.8192, 0.3278,
0.3359

 88.8192, 0.3278,
0.3359

524.1822, 0.3210,
0.3329

 67.0017, 0.3293,
0.3366

145.6971, 0.3255,
0.3349

 49.0860, 0.3311,
0.3374


181.5263, 0.3246,
0.3345

 34.6877, 0.3334,
0.3384


222.7949, 0.3238,
0.3341

 23.4224, 0.3363,
0.3396

269.8873, 0.3231,
0.3338

 14.9057, 0.3402,
0.3413

323.1878, 0.3225,
0.3335

 8.7533, 0.3456,
0.3435

383.0809, 0.3220,

 4.5806, 0.3536,

0.3333

0.3467

449.9509, 0.3215,
0.3331

■ 2.0033, 0.3667,
0.3518

■ 0.6094, 0.4308,
0.3845

■ 88.8192, 0.3278,
0.3359

■ 88.8192, 0.3278,
0.3359

■ 77.5880, 0.3475,
0.3440

100.0000, 0.3127,
0.3290

■ 67.5485, 0.3708,
0.3525

■ 58.6610, 0.3982,
0.3610

■ 50.8827, 0.4296,
0.3688

■ 44.1684, 0.4646,
0.3751

■ 38.4692, 0.5018,
0.3787

■ 33.7322, 0.5385,
0.3784

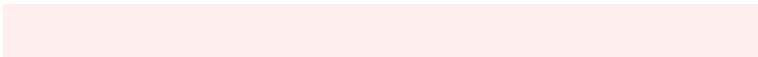
■ 29.8988, 0.5710,
0.3733

■ 26.8985, 0.5963,
0.3639

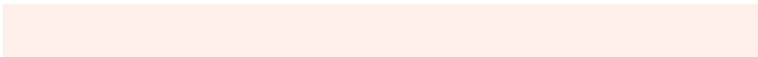
Harmonies

Analogous

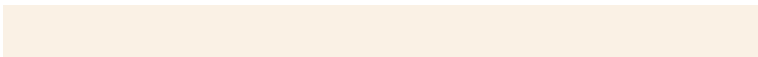
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.8192, 0.3256, 0.3294



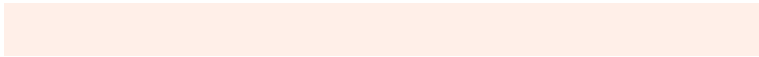
88.8192, 0.3278, 0.3359



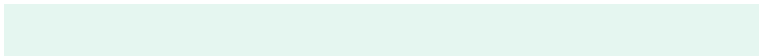
88.8192, 0.3259, 0.3407

Triad

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



88.8192, 0.3278, 0.3359



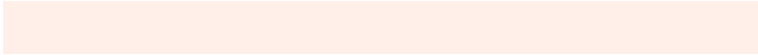
88.8192, 0.3055, 0.3353



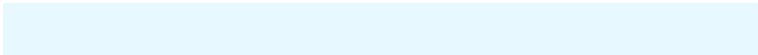
88.8192, 0.3049, 0.3159

Complementary

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



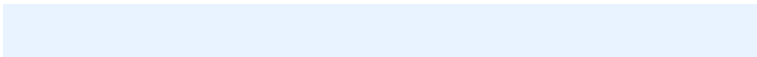
88.8192, 0.3278, 0.3359



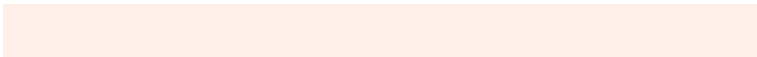
91.5178, 0.2987, 0.3220

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.



88.8192, 0.2997, 0.3173



88.8192, 0.3278, 0.3359



88.8192, 0.3000, 0.3284

Square

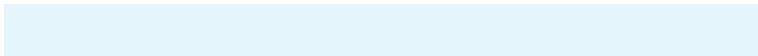
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.8192, 0.3278, 0.3359



88.8192, 0.3130, 0.3404



88.8192, 0.2979, 0.3219



88.8192, 0.3123, 0.3180

Rectangle

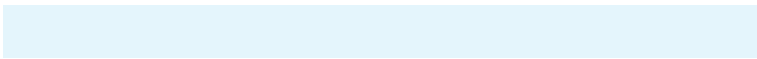
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.8192, 0.3278, 0.3359



88.8192, 0.3226, 0.3422



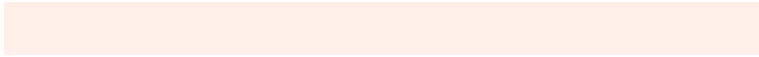
88.8192, 0.2979, 0.3219



88.8192, 0.3029, 0.3160

Sweetspot

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



88.8197, 0.3278, 0.3359



96.1671, 0.3175, 0.3312



85.7621, 0.3181, 0.3134



20.3686, 0.3188, 0.3319



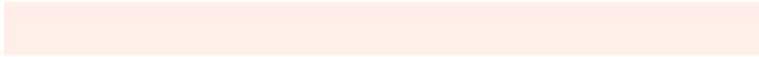
0.0000, 0.0000, 0.0000



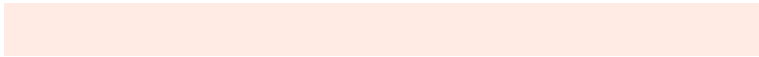
21.4041, 0.3127, 0.3290

Same Dimension

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



88.8197, 0.3278, 0.3359



86.4947, 0.3314, 0.3375



95.7079, 0.3266, 0.3469



18.8876, 0.3287, 0.3363



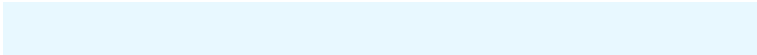
14.1504, 0.5956, 0.3653



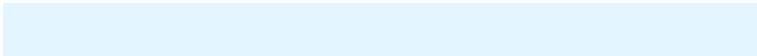
1.5605, 0.5735, 0.3828

Inverse Universe

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



91.5178, 0.2987, 0.3220



89.7411, 0.2956, 0.3204



84.7186, 0.2987, 0.3105



19.4943, 0.2980, 0.3216



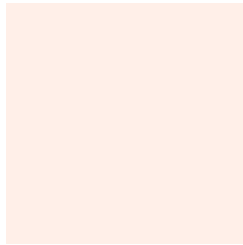
20.5742, 0.1962, 0.2264



2.1961, 0.1999, 0.2395

Previews

White Background



This preview shows how the Yxy color 88.8192, 0.3278, 0.3359 looks on a white background.

Color Contrast Check

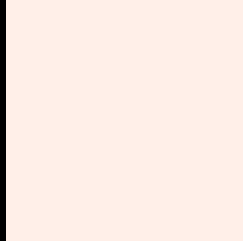
Large Text (above 18pt) WCAG AA × Fail

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 88.8192, 0.3278, 0.3359 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

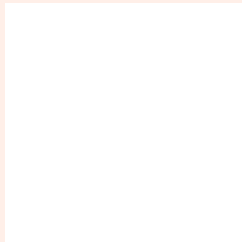
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.8192, 0.3278, 0.3359

Background



This preview shows how black text looks on a background with the Yxy color 88.8192, 0.3278, 0.3359.

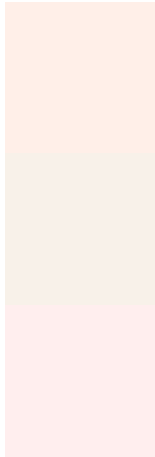


This preview shows how white text looks on a background with the Yxy color 88.8192, 0.3278, 0.3359.

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

88.8192, 0.3278, 0.3359

Protanopia

88.7502, 0.3223, 0.3370

Deuteranopia

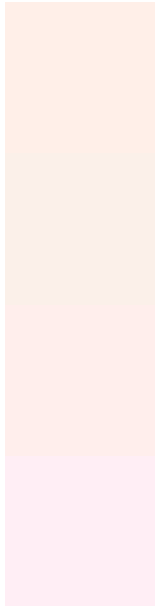
88.5821, 0.3241, 0.3290



Tritanopia

88.8566, 0.3154, 0.3145

Trichromacy



Original Color

88.8192, 0.3278, 0.3359

Protanomaly

88.7126, 0.3244, 0.3360

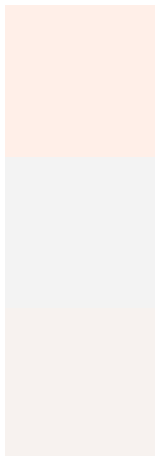
Deuteranomaly

88.4652, 0.3253, 0.3310

Tritanomaly

89.0016, 0.3197, 0.3222

Monochromacy



Original Color

88.8192, 0.3278, 0.3359

Achromatopsia

89.6269, 0.3127, 0.3290

Achromatomaly

89.5104, 0.3178, 0.3320

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.8192, 0.3278, 0.3359 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, 239, 232)` looks like.

```
.text, #text, p{  
    color:rgb(255, 239, 232)  
}
```

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, 239, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 239, 232) }
```

Border

The CSS property to change the border of an element to Yxy 88.8192, 0.3278, 0.3359 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, 239, 232) }
```

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

```
.border{ border-color:rgb(255, 239, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 239, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 239, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 239, 232);  
box-shadow:4px 4px 4px 4px rgb(255, 239,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 88.8192, 0.3278, 0.3359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 239, 232) }
```

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

```
.background{ background-color: rgb(255,  
239, 232) }
```

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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