

Converting Colors

$Y_{xy}(93.0920, 0.3359, 0.3250)$

Have a look what the booklet for
Yxy(93.0920, 0.3359, 0.3250)
contains.

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Color

Yxy(88.8199, 0.3216, 0.3251)

Conversions

Conversions Part 1

Format	Color
Hex	FFEEF2
RGB	255, 238, 242
RGB Percent	100%, 93%, 95%
CMY	0.0000, 0.0667, 0.0509
CMYK	0.00, 0.07, 0.05, 0.00
HSL	346°, 100%, 97%
HSV	346°, 7%, 100%
XYZ	87.8637, 88.8199, 96.5244
YIQ	243.5390, 8.8480, 4.8480

Conversions

Conversions Part 2

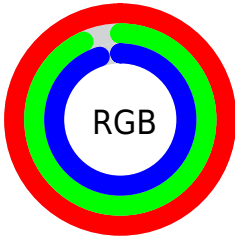
Format	Color
R_{YB}	255, 238, 242
Decimal	16772850
CIE _{Lab}	95.51, 6.45, 0.12
CIE _{LCh}	96, 6.448, 1.092
Yxy	88.8199, 0.3216, 0.3251
Android (android.graphics.Color)	4294962930 (0xFFFFEEF2)
YUV	243.5390, -0.7587, 10.0513
Hunter-Lab	94.2443, 1.4874, 5.2466

Details

The Yxy color **88.8199, 0.3216, 0.3251** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **96.6568, 0.3046, 0.3329**, and the grayscale version is **90.0706, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.0068, 0.3232, 0.3241** is the 20% darker color. If you saturate the color by 10%, you get **73.8908, 0.3374, 0.3189**, and if you desaturate by 10%, it is **100.0000, 0.3127, 0.3290**.

Distribution



Red (100%)

Green (93%)

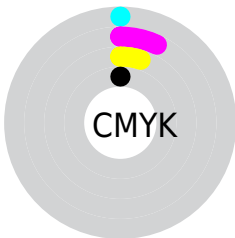
Blue (95%)



Red (100%)

Yellow (93%)

Blue (95%)



Cyan (0%)

Magenta (7%)

Yellow (5%)

Black (0%)



Cyan (0%)


Magenta (7%)


Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 88.8199, 0.3216, 0.3251 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 88.8199, 0.3216, 0.3251 by changing the saturation by 10% instead.

 88.8199, 0.3216,
0.3251

 88.8199, 0.3216,
0.3251


524.1845, 0.3176,
0.3269

 67.0023, 0.3225,
0.3247

145.6981, 0.3202,
0.3257

 49.0865, 0.3235,
0.3242


181.5275, 0.3197,
0.3259

 34.6881, 0.3249,
0.3237


222.7962, 0.3193,
0.3261

 23.4227, 0.3266,
0.3229


269.8888, 0.3189,
0.3263

 14.9059, 0.3288,
0.3219

323.1895, 0.3185,
0.3265

 8.7534, 0.3320,
0.3205

383.0827, 0.3182,

 4.5807, 0.3366,

0.3266

0.3185

449.9529, 0.3179,
0.3267

■ 2.0034, 0.3442,
0.3151

■ 0.6094, 0.3681,
0.3046

■ 88.8199, 0.3216,
0.3251

■ 88.8199, 0.3216,
0.3251

■ 73.8908, 0.3374,
0.3189

100.0000, 0.3127,
0.3290

■ 61.1081, 0.3569,
0.3125

■ 50.3629, 0.3808,
0.3060

■ 41.5490, 0.4097,
0.2999

■ 34.5509, 0.4437,
0.2950

■ 29.2407, 0.4819,
0.2923

■ 25.4735, 0.5221,
0.2928

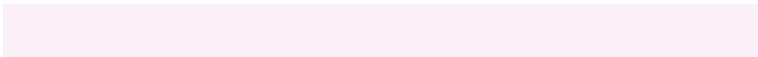
■ 23.0799, 0.5605,
0.2974

■ 21.8476, 0.5925,
0.3057

Harmonies

Analogous

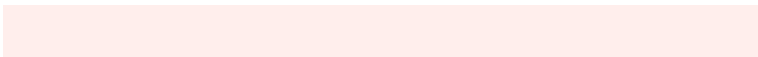
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.8199, 0.3148, 0.3198



88.8199, 0.3216, 0.3251



88.8199, 0.3260, 0.3315

Triad

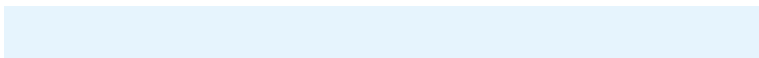
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.8199, 0.3216, 0.3251



88.8199, 0.3179, 0.3415



88.8199, 0.2988, 0.3205

Complementary

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



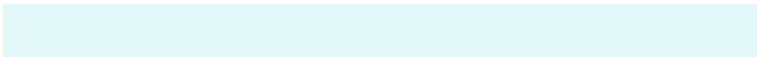
88.8199, 0.3216, 0.3251



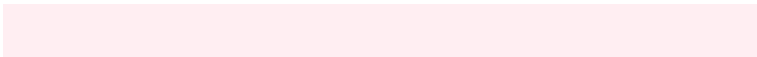
96.6568, 0.3046, 0.3329

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.



88.8199, 0.2996, 0.3263



88.8199, 0.3216, 0.3251



88.8199, 0.3105, 0.3385

Square

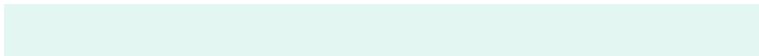
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.8199, 0.3216, 0.3251



88.8199, 0.3238, 0.3410



88.8199, 0.3039, 0.3329



88.8199, 0.3017, 0.3171

Rectangle

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



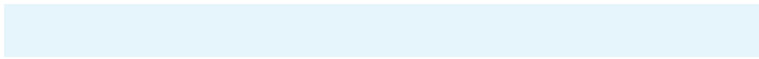
88.8199, 0.3216, 0.3251



88.8199, 0.3270, 0.3355



88.8199, 0.3039, 0.3329



88.8199, 0.2986, 0.3223

Sweetspot

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



88.8089, 0.3215, 0.3251



96.5409, 0.3152, 0.3279



88.8194, 0.3107, 0.3125



20.7000, 0.3151, 0.3279



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

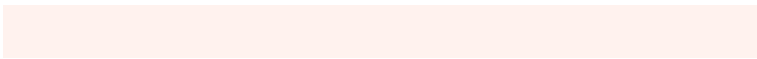
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.8089, 0.3215, 0.3251



86.7054, 0.3235, 0.3243



91.0761, 0.3237, 0.3332



18.0576, 0.3257, 0.3234



11.3005, 0.5976, 0.3066



1.1164, 0.5665, 0.2894

Inverse Universe

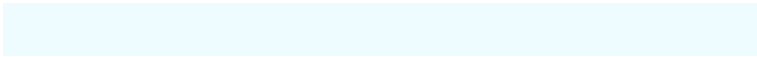
The Inverse Universe completely reimagines the original color for something new.



88.8089, 0.3215, 0.3251



86.7054, 0.3235, 0.3243



94.2288, 0.3024, 0.3248



18.0576, 0.3257, 0.3234



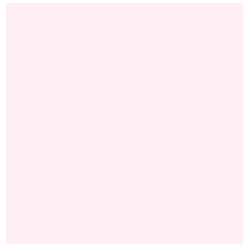
11.3005, 0.5976, 0.3066



1.1164, 0.5665, 0.2894

Previews

White Background



This preview shows how the Yxy color 88.8199, 0.3216, 0.3251 looks on a white background.

Color Contrast Check

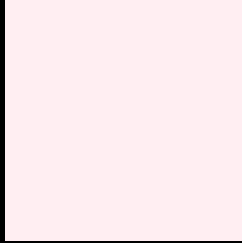
Large Text (above 18pt) WCAG AA × Fail

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 88.8199, 0.3216, 0.3251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

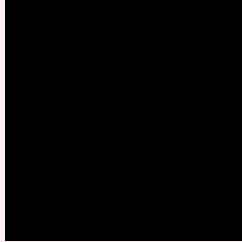
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

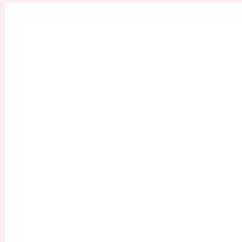
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.8199, 0.3216, 0.3251

Background



This preview shows how black text looks on a background with the Yxy color 88.8199, 0.3216, 0.3251.

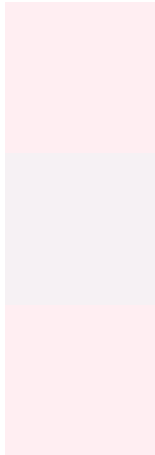


This preview shows how white text looks on a background with the Yxy color 88.8199, 0.3216, 0.3251.

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

88.8199, 0.3216, 0.3251

Protanopia

89.0351, 0.3142, 0.3260

Deuteranopia

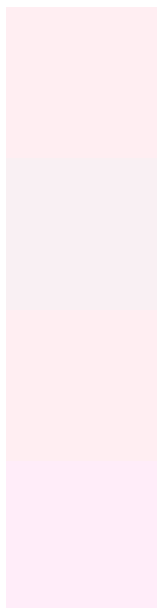
88.8199, 0.3216, 0.3251



Tritanopia

88.9202, 0.3148, 0.3136

Trichromacy



Original Color

88.8199, 0.3216, 0.3251

Protanomaly

88.9310, 0.3168, 0.3261

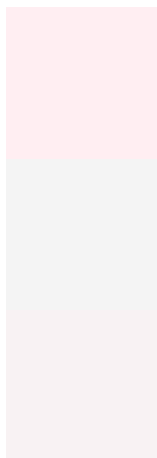
Deuteranomaly

88.8199, 0.3216, 0.3251

Tritanomaly

88.6679, 0.3172, 0.3174

Monochromacy



Original Color

88.8199, 0.3216, 0.3251

Achromatopsia

90.4661, 0.3127, 0.3290

Achromatomaly

89.9318, 0.3160, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.8199, 0.3216, 0.3251 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, 238, 242)` looks like.

```
.text, #text, p{  
    color:rgb(255, 238, 242)  
}
```

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, 238, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 238, 242) }
```

Border

The CSS property to change the border of an element to Yxy 88.8199, 0.3216, 0.3251 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, 238, 242) }
```

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

```
.border{ border-color:rgb(255, 238, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 238, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 238, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 238, 242);  
box-shadow:4px 4px 4px 4px rgb(255, 238,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 88.8199, 0.3216, 0.3251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 238, 242) }
```

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

```
.background{ background-color: rgb(255,  
238, 242) }
```

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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