

Converting Colors

$Yxy(90.6168, 0.3381, 0.3172)$

Have a look what the booklet for
Yxy(90.6168, 0.3381, 0.3172)
contains.

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Color

Yxy(85.5658, 0.3201, 0.3163)

Conversions

Conversions Part 1

Format	Color
Hex	FFE8F5
RGB	255, 232, 245
RGB Percent	100%, 91%, 96%
CMY	0.0000, 0.0902, 0.0391
CMYK	0.00, 0.09, 0.04, 0.00
HSL	326°, 100%, 95%
HSV	326°, 9%, 100%
XYZ	86.5938, 85.5658, 98.3614
YIQ	240.3590, 9.5350, 8.9190

Conversions

Conversions Part 2

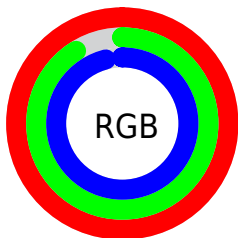
Format	Color
R _{YB}	255, 232, 245
Decimal	16771317
CIE _{Lab}	94.13, 10.03, -3.47
CIE _{LCh}	94, 10.614, 340.943
Yxy	85.5658, 0.3201, 0.3163
Android (android.graphics.Color)	4294961397 (0xFFFFE8F5)
YUV	240.3590, 2.2880, 12.8402
Hunter-Lab	92.5018, 5.2212, 1.7054

Details

The Yxy color 85.5658, 0.3201, 0.3163 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 95.0820, 0.3060, 0.3420, and the grayscale version is 87.4055, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 46.7306, 0.3214, 0.3129 is the 20% darker color. If you saturate the color by 10%, you get 71.5774, 0.3298, 0.3015, and if you desaturate by 10%, it is 100.0000, 0.3127, 0.3290.

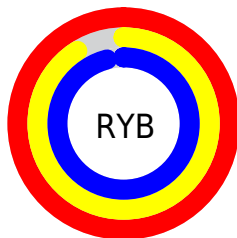
Distribution



Red (100%)

Green (91%)

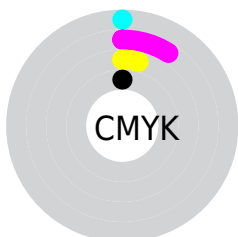
Blue (96%)



Red (100%)

Yellow (91%)

Blue (96%)

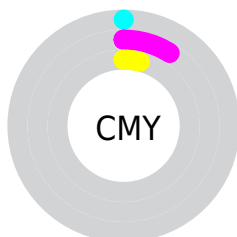


Cyan (0%)

Magenta (9%)

Yellow (4%)

Black (0%)



Cyan (0%)


Magenta (9%)

Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 85.5658, 0.3201, 0.3163 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 85.5658, 0.3201, 0.3163 by changing the saturation by 10% instead.


 85.5658, 0.3201,
0.3163

 85.5658, 0.3201,
0.3163

513.4984, 0.3168,
0.3220

 64.3090, 0.3208,
0.3151


141.1634, 0.3190,
0.3182

 46.9010, 0.3217,
0.3135


176.2730, 0.3185,
0.3190

 32.9574, 0.3228,
0.3117


216.7690, 0.3182,
0.3196

 22.0938, 0.3242,
0.3093

263.0357, 0.3178,
0.3202

 13.9258, 0.3261,
0.3061

315.4577, 0.3175,
0.3207

 8.0691, 0.3286,
0.3017

374.4191, 0.3173,

 4.1392, 0.3324,

0.3212

0.2953

440.3046, 0.3170,
0.3216

■ 1.7517, 0.3385,
0.2849

■ 0.4568, 0.3621,
0.2436

■ 85.5658, 0.3201,
0.3163

■ 85.5658, 0.3201,
0.3163

■ 71.5774, 0.3298,
0.3015

100.0000, 0.3127,
0.3290

■ 59.6271, 0.3413,
0.2864

■ 49.6133, 0.3549,
0.2713

■ 41.4317, 0.3707,
0.2570

■ 34.9679, 0.3885,
0.2447

■ 30.0947, 0.4080,
0.2355

■ 26.6670, 0.4286,
0.2305

■ 24.5125, 0.4493,
0.2308

■ 23.3771, 0.4694,
0.2364

Harmonies

Analogous

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



85.5658, 0.3078, 0.3100



85.5658, 0.3201, 0.3163



85.5658, 0.3305, 0.3258

Triad

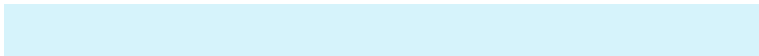
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.5658, 0.3201, 0.3163



85.5658, 0.3284, 0.3499



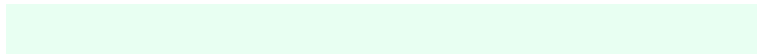
85.5658, 0.2898, 0.3209

Complementary

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



85.5658, 0.3201, 0.3163



95.0820, 0.3060, 0.3420

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.



85.5658, 0.2951, 0.3319



85.5658, 0.3201, 0.3163



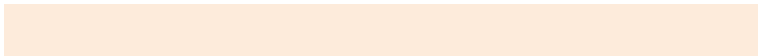
85.5658, 0.3173, 0.3489

Square

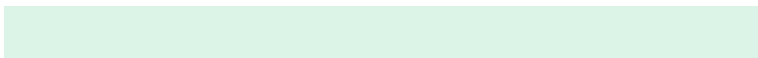
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



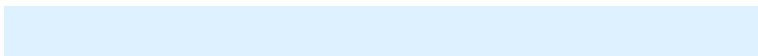
85.5658, 0.3201, 0.3163



85.5658, 0.3354, 0.3452



85.5658, 0.3051, 0.3423



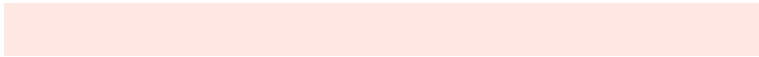
85.5658, 0.2905, 0.3125

Rectangle

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



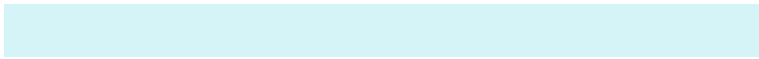
85.5658, 0.3201, 0.3163



85.5658, 0.3350, 0.3329



85.5658, 0.3051, 0.3423



85.5658, 0.2910, 0.3244

Sweetspot

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



85.5608, 0.3201, 0.3163



95.0042, 0.3150, 0.3249



83.7287, 0.3049, 0.3062



20.0561, 0.3157, 0.3237



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

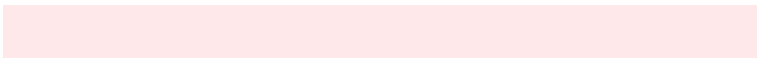
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.5608, 0.3201, 0.3163



82.6327, 0.3218, 0.3134



84.9014, 0.3273, 0.3272



18.1596, 0.3205, 0.3156



12.2000, 0.4682, 0.2353



1.2098, 0.4467, 0.2235

Inverse Universe

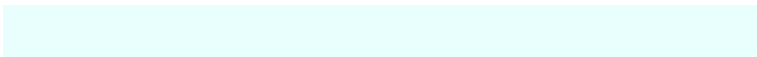
The Inverse Universe completely reimagines the original color for something new.



85.5608, 0.3201, 0.3163



82.6327, 0.3218, 0.3134



95.7709, 0.2998, 0.3309



18.1596, 0.3205, 0.3156



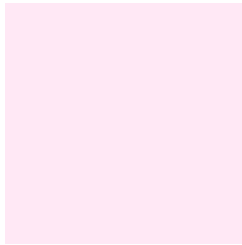
12.2000, 0.4682, 0.2353



1.2098, 0.4467, 0.2235

Previews

White Background



This preview shows how the Yxy color 85.5658, 0.3201, 0.3163 looks on a white background.

Color Contrast Check

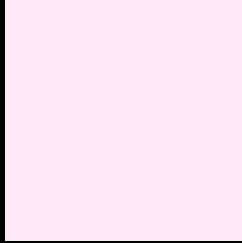
Large Text (above 18pt) WCAG AA × Fail

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 85.5658, 0.3201, 0.3163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

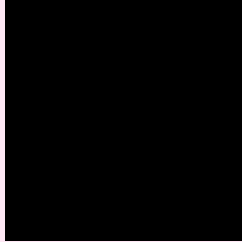
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 85.5658, 0.3201, 0.3163

Background



This preview shows how black text looks on a background with the Yxy color 85.5658, 0.3201, 0.3163.

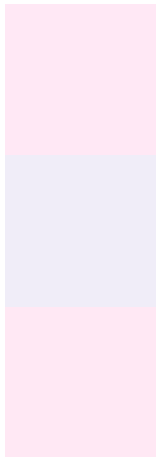


This preview shows how white text looks on a background with the Yxy color 85.5658, 0.3201, 0.3163.

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

85.5658, 0.3201, 0.3163

Protanopia

85.8709, 0.3080, 0.3180

Deuteranopia

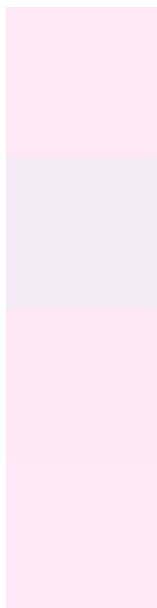
85.5049, 0.3207, 0.3173



Tritanopia

85.8128, 0.3175, 0.3125

Trichromacy



Original Color

85.5658, 0.3201, 0.3163

Protanomaly

85.5445, 0.3119, 0.3171

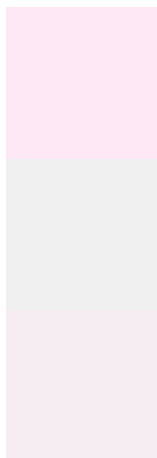
Deuteranomaly

85.5049, 0.3207, 0.3173

Tritanomaly

85.7505, 0.3182, 0.3135

Monochromacy



Original Color

85.5658, 0.3201, 0.3163

Achromatopsia

87.1367, 0.3127, 0.3290

Achromatomaly

86.3917, 0.3149, 0.3240

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.5658, 0.3201, 0.3163 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, 232, 245)` looks like.

```
.text, #text, p{  
    color:rgb(255, 232, 245)  
}
```

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, 232, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 232, 245) }
```

Border

The CSS property to change the border of an element to Yxy 85.5658, 0.3201, 0.3163 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, 232, 245) }
```

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

```
.border{ border-color:rgb(255, 232, 245) }
```

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

Here you see how a box with a 4 pixel rgb(255, 232, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 232, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 232, 245);  
box-shadow:4px 4px 4px 4px rgb(255, 232,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 85.5658, 0.3201, 0.3163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 232, 245) }
```

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

```
.background{ background-color: rgb(255,  
232, 245) }
```

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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