

Converting Colors

$Yxy(87.0204, 0.3155, 0.3158)$

Have a look what the booklet for
Yxy(87.0204, 0.3155, 0.3158)
contains.

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Color

Yxy(86.9517, 0.3154, 0.3154)

Conversions

Conversions Part 1

Format	Color
Hex	FCEBF9
RGB	252, 235, 249
RGB Percent	99%, 92%, 98%
CMY	0.0117, 0.0784, 0.0237
CMYK	0.00, 0.07, 0.01, 0.01
HSL	311°, 74%, 95%
HSV	311°, 7%, 99%
XYZ	86.9517, 86.9517, 101.7837
YIQ	241.6790, 5.6380, 7.9580

Conversions

Conversions Part 2

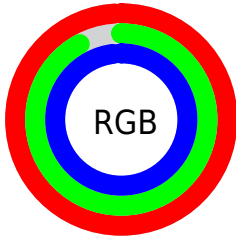
Format	Color
R _Y B	252, 235, 249
Decimal	16575481
CIE Lab	94.72, 8.15, -4.66
CIE LCh	95, 9.389, 330.226
Yxy	86.9517, 0.3154, 0.3154
Android (android.graphics.Color)	4294765561 (0xFFFCBF9)
YUV	241.6790, 3.6093, 9.0515
Hunter-Lab	93.2479, 3.2637, 0.5562

Details

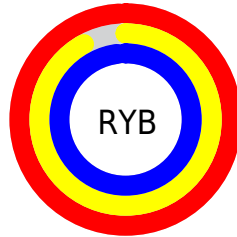
The Yxy color **86.9517, 0.3154, 0.3154** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **93.4751, 0.3101, 0.3430**, and the grayscale version is **88.4964, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.6926, 0.3152, 0.3116** is the 20% darker color. If you saturate the color by 10%, you get **73.2517, 0.3199, 0.2946**, and if you desaturate by 10%, it is **99.3433, 0.3117, 0.3304**.

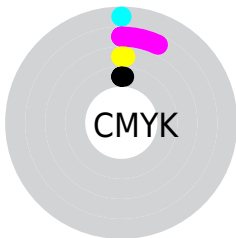
Distribution



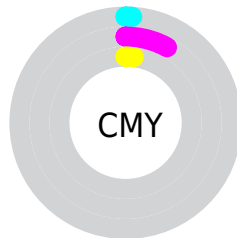
- Red (99%)
- Green (92%)
- Blue (98%)



- Red (99%)
- Yellow (92%)
- Blue (98%)



- Cyan (0%)
- Magenta (7%)
- Yellow (1%)
- Black (1%)





- Cyan (1%)
- Magenta (8%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 86.9517, 0.3154, 0.3154 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 86.9517, 0.3154, 0.3154 by changing the saturation by 10% instead.


 86.9517, 0.3154,
0.3154

 86.9517, 0.3154,
0.3154


518.0641, 0.3142,
0.3214

 65.4552, 0.3157,
0.3141


143.0968, 0.3150,
0.3174

 47.8303, 0.3160,
0.3125


178.5143, 0.3149,
0.3183

 33.6925, 0.3163,
0.3105


219.3408, 0.3147,
0.3190

 22.6575, 0.3168,
0.3079

265.9609, 0.3146,
0.3196

 14.3408, 0.3174,
0.3046

318.7589, 0.3145,
0.3201

 8.3581, 0.3182,
0.3000

378.1191, 0.3144,

 4.3249, 0.3194,

0.3206

0.2933

444.4261, 0.3143,
0.3210

■ 1.8569, 0.3212,
0.2825

■ 0.5223, 0.3292,
0.2473

■ 86.9517, 0.3154,
0.3154

■ 86.9517, 0.3154,
0.3154

■ 73.2517, 0.3199,
0.2946

■ 99.3433, 0.3117,
0.3304

■ 61.5136, 0.3250,
0.2734

■ 99.4396, 0.3109,
0.3290

■ 51.6495, 0.3308,
0.2525

■ 43.5607, 0.3371,
0.2327

■ 37.1390, 0.3439,
0.2151

■ 32.2649, 0.3509,
0.2006

■ 28.8024, 0.3581,
0.1901

■ 26.5924, 0.3650,
0.1843

■ 25.4338, 0.3716,
0.1830

Harmonies

Analogous

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



86.9517, 0.3047, 0.3113



86.9517, 0.3154, 0.3154



86.9517, 0.3255, 0.3230

Triad

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



86.9517, 0.3154, 0.3154



86.9517, 0.3292, 0.3465



86.9517, 0.2936, 0.3253

Complementary

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



86.9517, 0.3154, 0.3154



93.4751, 0.3101, 0.3430

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.



86.9517, 0.3000, 0.3350



86.9517, 0.3154, 0.3154



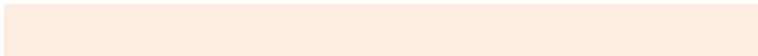
86.9517, 0.3205, 0.3474

Square

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



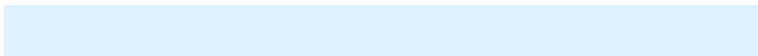
86.9517, 0.3154, 0.3154



86.9517, 0.3336, 0.3408



86.9517, 0.3098, 0.3432



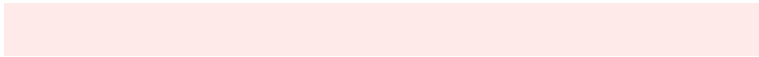
86.9517, 0.2923, 0.3167

Rectangle

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



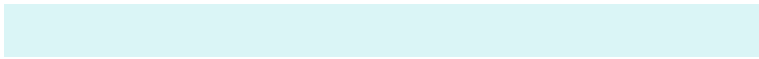
86.9517, 0.3154, 0.3154



86.9517, 0.3305, 0.3291



86.9517, 0.3098, 0.3432



86.9517, 0.2953, 0.3285

Sweetspot

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



86.9555, 0.3154, 0.3154



96.7300, 0.3135, 0.3250



84.5985, 0.3042, 0.3120



20.7384, 0.3134, 0.3252



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

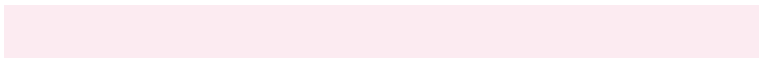
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.9555, 0.3154, 0.3154



87.4332, 0.3159, 0.3128



86.4504, 0.3206, 0.3234



17.4677, 0.3166, 0.3098



13.1360, 0.3726, 0.1826



1.2302, 0.3653, 0.1786

Inverse Universe

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



86.9555, 0.3154, 0.3154



87.4332, 0.3159, 0.3128



93.9731, 0.3054, 0.3346



17.4677, 0.3166, 0.3098



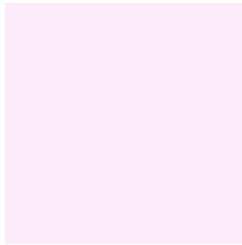
13.1360, 0.3726, 0.1826



1.2302, 0.3653, 0.1786

Previews

White Background



This preview shows how the Yxy color 86.9517, 0.3154, 0.3154 looks on a white background.

Color Contrast Check

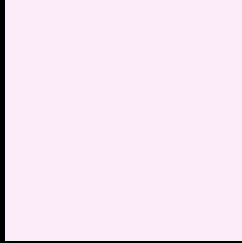
Large Text (above 18pt) WCAG AA × Fail

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 86.9517, 0.3154, 0.3154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

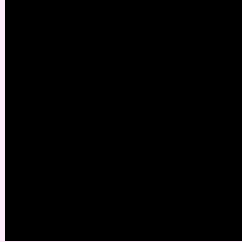
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

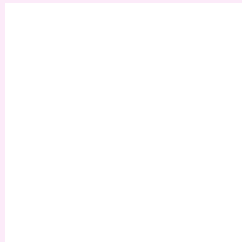
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 86.9517, 0.3154, 0.3154

Background



This preview shows how black text looks on a background with the Yxy color 86.9517, 0.3154, 0.3154.



This preview shows how white text looks on a background with the Yxy color 86.9517, 0.3154, 0.3154.

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

86.9517, 0.3154, 0.3154

Protanopia

86.8149, 0.3068, 0.3161

Deuteranopia

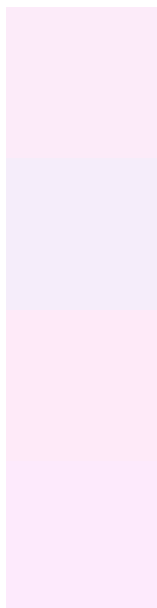
86.8829, 0.3180, 0.3154



Tritanopia

86.8201, 0.3136, 0.3106

Trichromacy



Original Color

86.9517, 0.3154, 0.3154

Protanomaly

86.8830, 0.3100, 0.3162

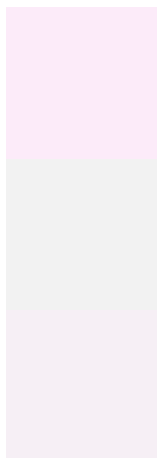
Deuteranomaly

86.6938, 0.3174, 0.3154

Tritanomaly

86.7566, 0.3142, 0.3115

Monochromacy



Original Color

86.9517, 0.3154, 0.3154

Achromatopsia

88.7923, 0.3127, 0.3290

Achromatomaly

87.9184, 0.3137, 0.3231

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.9517, 0.3154, 0.3154 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(252, 235, 249)` looks like.

```
.text, #text, p{  
    color:rgb(252, 235, 249)  
}
```

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(252, 235, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 235, 249) }
```

Border

The CSS property to change the border of an element to Yxy 86.9517, 0.3154, 0.3154 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(252, 235, 249) }
```

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

```
.border{ border-color:rgb(252, 235, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 235, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 235, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 235, 249);  
box-shadow:4px 4px 4px 4px rgb(252, 235,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 86.9517, 0.3154, 0.3154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 235, 249) }
```

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

```
.background{ background-color: rgb(252,  
235, 249) }
```

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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