

Converting Colors

$Yxy(89.8957, 0.3140, 0.3155)$

Have a look what the booklet for
Yxy(89.8957, 0.3140, 0.3155)
contains.

Yxy(89.8957, 0.3140, 0.3155)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(89.8957, 0.3140, 0.3155)

Conversions

Conversions Part 1

Format	Color
Hex	FEEFFD
RGB	254, 239, 253
RGB Percent	100%, 94%, 99%
CMY	0.0039, 0.0627, 0.0078
CMYK	0.00, 0.06, 0.00, 0.00
HSL	304°, 88%, 97%
HSV	304°, 6%, 100%
XYZ	89.4683, 89.8957, 105.5669
YIQ	245.0810, 4.4460, 7.5340

Conversions

Conversions Part 2

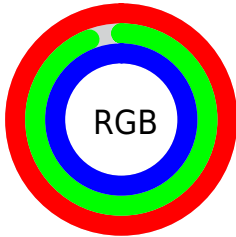
Format	Color
R _Y B	254, 239, 253
Decimal	16707581
CIE Lab	95.95, 7.46, -4.93
CIE LCh	96, 8.941, 326.571
Yxy	89.8957, 0.3140, 0.3155
Android (android.graphics.Color)	4294897661 (0xFFFEFFD)
YUV	245.0810, 3.9041, 7.8220
Hunter-Lab	94.8133, 2.5138, 0.3548

Details

The Yxy color 89.8957, 0.3140, 0.3155 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 95.5250, 0.3114, 0.3429, and the grayscale version is 91.3469, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 49.7228, 0.3143, 0.3130 is the 20% darker color. If you saturate the color by 10%, you get 75.9503, 0.3164, 0.2920, and if you desaturate by 10%, it is 99.7901, 0.3123, 0.3293.

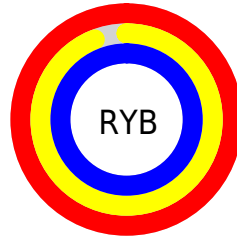
Distribution



Red (100%)

Green (94%)

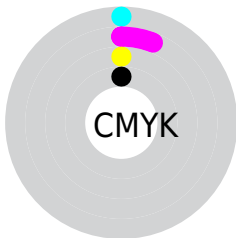
Blue (99%)



Red (100%)

Yellow (94%)

Blue (99%)

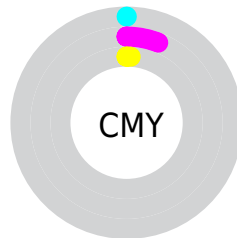


Cyan (0%)

Magenta (6%)

Yellow (0%)

Black (0%)



Cyan (0%)

Magenta (6%)


Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 89.8957, 0.3140, 0.3155 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 89.8957, 0.3140, 0.3155 by changing the saturation by 10% instead.


 89.8957, 0.3140,
0.3155

 89.8957, 0.3140,
0.3155


527.6915, 0.3135,
0.3215

 67.8941, 0.3141,
0.3142


147.1935, 0.3138,
0.3175

 49.8116, 0.3142,
0.3126


183.2585, 0.3138,
0.3183

 35.2637, 0.3144,
0.3107


224.7802, 0.3137,
0.3190

 23.8661, 0.3146,
0.3082

272.1429, 0.3136,
0.3196

 15.2343, 0.3149,
0.3050

325.7309, 0.3136,
0.3202

 8.9840, 0.3152,
0.3006

385.9288, 0.3135,

 4.7308, 0.3156,

0.3206

0.2941

453.1209, 0.3135,
0.3211

■ 2.0902, 0.3162,
0.2840

■ 0.6591, 0.3192,
0.2602

■ 89.8957, 0.3140,
0.3155

■ 89.8957, 0.3140,
0.3155

■ 75.9503, 0.3164,
0.2920

99.7901, 0.3123,
0.3293

■ 64.0051, 0.3189,
0.2683

99.8103, 0.3121,
0.3290

■ 53.9712, 0.3217,
0.2450

■ 45.7486, 0.3246,
0.2231

■ 39.2283, 0.3275,
0.2037

■ 34.2892, 0.3304,
0.1875

■ 30.7947, 0.3331,
0.1754

■ 28.5849, 0.3356,
0.1678

■ 27.4614, 0.3378,
0.1645

Harmonies

Analogous

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



89.8957, 0.3041, 0.3121



89.8957, 0.3140, 0.3155



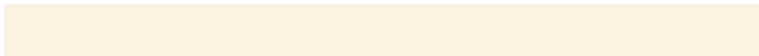
89.8957, 0.3237, 0.3224

Triad

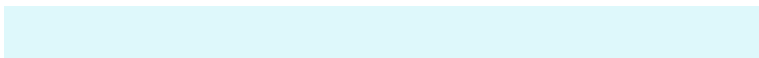
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.8957, 0.3140, 0.3155



89.8957, 0.3290, 0.3450



89.8957, 0.2952, 0.3266

Complementary

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



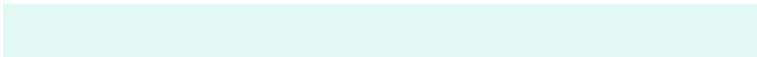
89.8957, 0.3140, 0.3155



95.5250, 0.3114, 0.3429

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.



89.8957, 0.3017, 0.3357



89.8957, 0.3140, 0.3155



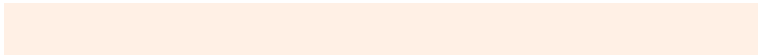
89.8957, 0.3212, 0.3465

Square

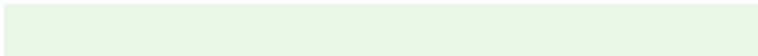
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



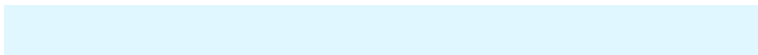
89.8957, 0.3140, 0.3155



89.8957, 0.3325, 0.3393



89.8957, 0.3112, 0.3431



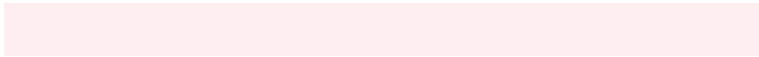
89.8957, 0.2934, 0.3183

Rectangle

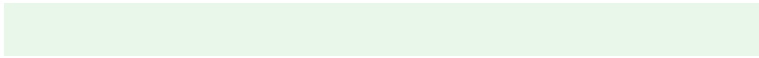
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89.8957, 0.3140, 0.3155



89.8957, 0.3287, 0.3281



89.8957, 0.3112, 0.3431



89.8957, 0.2969, 0.3297

Sweetspot

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



89.8996, 0.3140, 0.3155



96.7673, 0.3131, 0.3245



87.3754, 0.3042, 0.3141



20.7460, 0.3131, 0.3247



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.



89.8996, 0.3140, 0.3155



89.0594, 0.3142, 0.3130



89.4461, 0.3185, 0.3225



18.8709, 0.3144, 0.3115



14.3466, 0.3383, 0.1637



1.4029, 0.3361, 0.1625

Inverse Universe

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



89.8996, 0.3140, 0.3155



89.0594, 0.3142, 0.3130



95.9647, 0.3073, 0.3356



18.8709, 0.3144, 0.3115



14.3466, 0.3383, 0.1637



1.4029, 0.3361, 0.1625

Previews

White Background



This preview shows how the Yxy color 89.8957, 0.3140, 0.3155 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 89.8957, 0.3140, 0.3155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

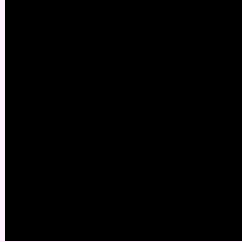
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 89.8957, 0.3140, 0.3155

Background



This preview shows how black text looks on a background with the Yxy color 89.8957, 0.3140, 0.3155.

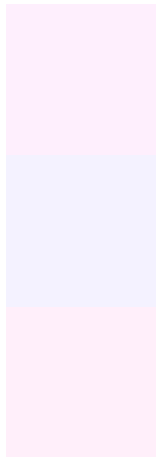


This preview shows how white text looks on a background with the Yxy color 89.8957, 0.3140, 0.3155.

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

89.8957, 0.3140, 0.3155

Protanopia

89.9574, 0.3062, 0.3163

Deuteranopia

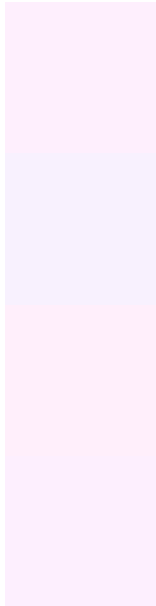
89.8951, 0.3165, 0.3184



Tritanopia

89.8357, 0.3121, 0.3136

Trichromacy



Original Color

89.8957, 0.3140, 0.3155

Protanomaly

90.0228, 0.3094, 0.3163

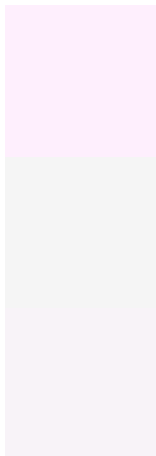
Deuteranomaly

89.9580, 0.3159, 0.3174

Tritanomaly

89.7714, 0.3127, 0.3145

Monochromacy



Original Color

89.8957, 0.3140, 0.3155

Achromatopsia

91.3099, 0.3127, 0.3290

Achromatomaly

90.8350, 0.3129, 0.3241

CSS Examples

Text

The CSS property to change the color of the text to Yxy 89.8957, 0.3140, 0.3155 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(254, 239, 253)` looks like.

```
.text, #text, p{  
    color:rgb(254, 239, 253)  
}
```

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(254, 239, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 239, 253) }
```

Border

The CSS property to change the border of an element to Yxy 89.8957, 0.3140, 0.3155 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(254, 239, 253) }
```

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

```
.border{ border-color:rgb(254, 239, 253) }
```

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

Here you see how a box with a 4 pixel rgb(254, 239, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 239, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 239, 253);  
box-shadow:4px 4px 4px 4px rgb(254, 239,  
253) }
```


Background

The CSS property to change the background color of an element to Yxy 89.8957, 0.3140, 0.3155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 239, 253) }
```

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

```
.background{ background-color: rgb(254,  
239, 253) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor