

Converting Colors

Yxy(90.1843, 0.3176, 0.3305)

Have a look what the booklet for
Yxy(90.1843, 0.3176, 0.3305)
contains.

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Color

Yxy(89.9949, 0.3179, 0.3300)

Conversions

Conversions Part 1

Format	Color
Hex	F9F2F1
RGB	249, 242, 241
RGB Percent	98%, 95%, 95%
CMY	0.0235, 0.0510, 0.0549
CMYK	0.00, 0.03, 0.03, 0.02
HSL	8°, 40%, 96%
HSV	8°, 3%, 98%
XYZ	86.6951, 89.9949, 96.0218
YIQ	243.9790, 4.4930, 1.1730

Conversions

Conversions Part 2

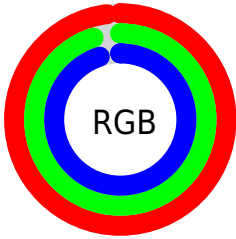
Format	Color
R_{YB}	249, 242, 241
Decimal	16380657
CIE Lab	95.99, 2.17, 1.30
CIE LCh	96, 2.528, 30.968
Yxy	89.9949, 0.3179, 0.3300
Android (android.graphics.Color)	4294570737 (0xFF9F2F1)
YUV	243.9790, -1.4686, 6.4034
Hunter-Lab	94.8656, -2.8887, 6.3933

Details

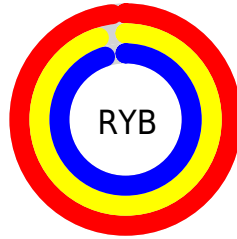
The Yxy color **89.9949, 0.3179, 0.3300** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **92.6707, 0.3077, 0.3280**, and the grayscale version is **90.4608, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.9581, 0.3194, 0.3303** is the 20% darker color. If you saturate the color by 10%, you get **76.4124, 0.3364, 0.3333**, and if you desaturate by 10%, it is **98.8791, 0.3090, 0.3290**.

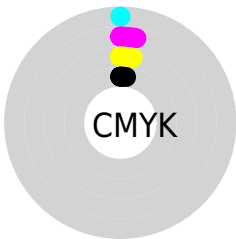
Distribution



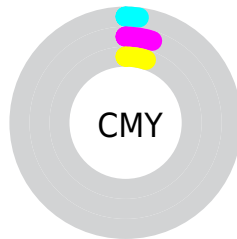
- Red (98%)
- Green (95%)
- Blue (95%)



- Red (98%)
- Yellow (95%)
- Blue (95%)



- Cyan (0%)
- Magenta (3%)
- Yellow (3%)
- Black (2%)




- Cyan (2%)
- Magenta (5%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 89.9949, 0.3179, 0.3300 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 89.9949, 0.3179, 0.3300 by changing the saturation by 10% instead.

 89.9949, 0.3179,
0.3300

 89.9949, 0.3179,
0.3300


528.0143, 0.3156,
0.3296

 67.9764, 0.3184,
0.3301


147.3313, 0.3171,
0.3299

 49.8785, 0.3190,
0.3302


183.4180, 0.3168,
0.3298

 35.3169, 0.3198,
0.3303


224.9629, 0.3165,
0.3297

 23.9071, 0.3208,
0.3305

272.3504, 0.3163,
0.3297

 15.2647, 0.3221,
0.3308

325.9649, 0.3161,
0.3297

 9.0054, 0.3239,
0.3311

386.1908, 0.3159,

 4.7447, 0.3266,

0.3296

0.3315

453.4124, 0.3157,
0.3296

■ 2.0983, 0.3309,
0.3323

■ 0.6636, 0.3455,
0.3353

■ 89.9949, 0.3179,
0.3300

■ 89.9949, 0.3179,
0.3300

■ 76.4124, 0.3364,
0.3333

■ 98.8791, 0.3090,
0.3290

■ 64.5101, 0.3592,
0.3368

■ 54.2261, 0.3869,
0.3404

■ 45.4902, 0.4203,
0.3438

■ 38.2274, 0.4594,
0.3467

■ 32.3560, 0.5029,
0.3484

■ 27.7865, 0.5475,
0.3482

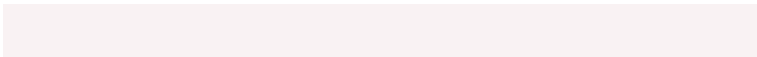
■ 24.4188, 0.5879,
0.3456

■ 22.1380, 0.6179,
0.3408

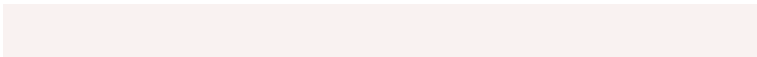
Harmonies

Analogous

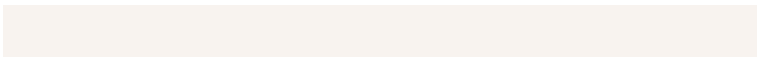
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.9949, 0.3162, 0.3275



89.9949, 0.3179, 0.3300



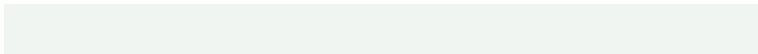
89.9949, 0.3182, 0.3323

Triad

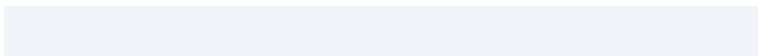
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.9949, 0.3179, 0.3300



89.9949, 0.3119, 0.3327



89.9949, 0.3084, 0.3244

Complementary

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



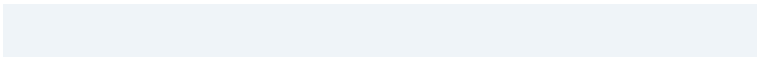
89.9949, 0.3179, 0.3300



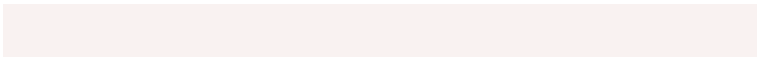
92.6707, 0.3077, 0.3280

Split Complementary

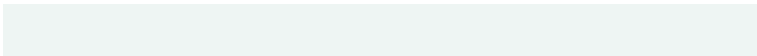
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



89.9949, 0.3073, 0.3257



89.9949, 0.3179, 0.3300



89.9949, 0.3093, 0.3306

Square

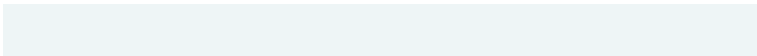
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



89.9949, 0.3179, 0.3300



89.9949, 0.3148, 0.3338



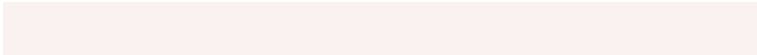
89.9949, 0.3076, 0.3280



89.9949, 0.3107, 0.3242

Rectangle

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



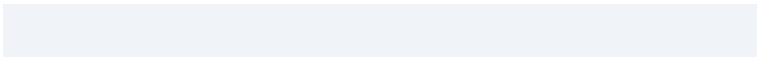
89.9949, 0.3179, 0.3300



89.9949, 0.3176, 0.3333



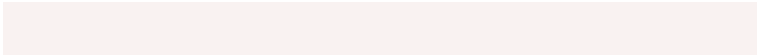
89.9949, 0.3076, 0.3280



89.9949, 0.3079, 0.3247

Sweetspot

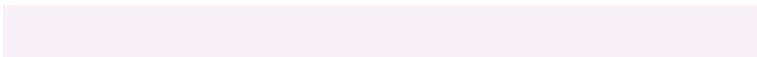
The Sweet Spot groups the original color and five complimentary colors.



89.9988, 0.3179, 0.3300



98.4225, 0.3143, 0.3293



89.8329, 0.3136, 0.3221



21.0831, 0.3142, 0.3293



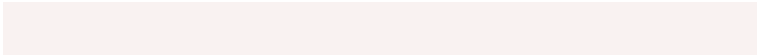
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



89.9988, 0.3179, 0.3300



93.8013, 0.3192, 0.3303



92.3605, 0.3176, 0.3338



18.9909, 0.3205, 0.3305



11.4216, 0.6293, 0.3385



1.1653, 0.6114, 0.3527

Inverse Universe

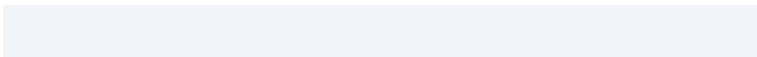
The Inverse Universe completely reimagines the original color for something new.



92.6707, 0.3077, 0.3280



97.3018, 0.3065, 0.3277



90.2826, 0.3078, 0.3241



19.8371, 0.3053, 0.3275



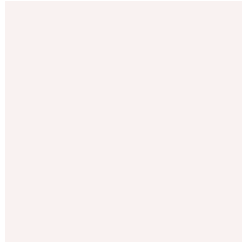
30.5702, 0.2136, 0.2888



2.9323, 0.2150, 0.2940

Previews

White Background



This preview shows how the Yxy color 89.9949, 0.3179, 0.3300 looks on a white background.

Color Contrast Check

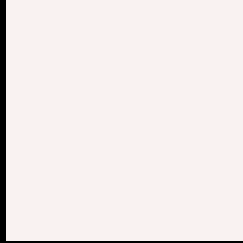
Large Text (above 18pt) WCAG AA × Fail

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 89.9949, 0.3179, 0.3300 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

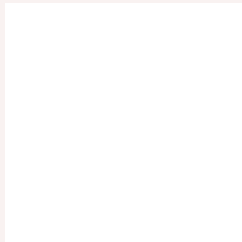
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 89.9949, 0.3179, 0.3300

Background



This preview shows how black text looks on a background with the Yxy color 89.9949, 0.3179, 0.3300.

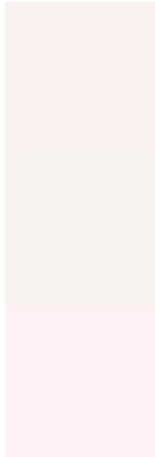


This preview shows how white text looks on a background with the Yxy color 89.9949, 0.3179, 0.3300.

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

89.9949, 0.3179, 0.3300

Protanopia

89.8116, 0.3172, 0.3300

Deuteranopia

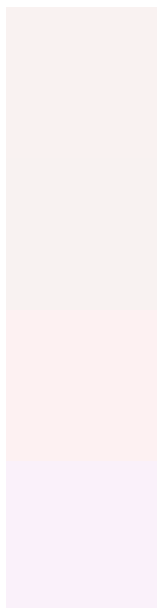
90.0512, 0.3208, 0.3261



Tritanopia

89.8642, 0.3101, 0.3145

Trichromacy



Original Color

89.9949, 0.3179, 0.3300

Protanomaly

89.8116, 0.3172, 0.3300

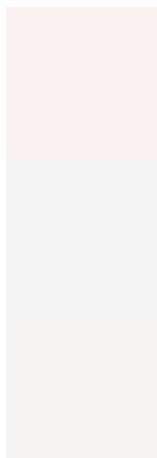
Deuteranomaly

90.2040, 0.3200, 0.3280

Tritanomaly

90.1367, 0.3131, 0.3202

Monochromacy



Original Color

89.9949, 0.3179, 0.3300

Achromatopsia

90.4661, 0.3127, 0.3290

Achromatomaly

90.1651, 0.3147, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 89.9949, 0.3179, 0.3300 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(249, 242, 241)` looks like.

```
.text, #text, p{  
    color:rgb(249, 242, 241)  
}
```

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(249, 242, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 242, 241) }
```

Border

The CSS property to change the border of an element to Yxy 89.9949, 0.3179, 0.3300 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(249, 242, 241) }
```

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

```
.border{ border-color:rgb(249, 242, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 242, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(249, 242, 241); -webkit-box-shadow:4px 4px 4px 4px rgb(249, 242, 241); box-shadow:4px 4px 4px 4px rgb(249, 242, 241) }
```


Background

The CSS property to change the background color of an element to Yxy 89.9949, 0.3179, 0.3300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 242, 241) }
```

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

```
.background{ background-color: rgb(249,  
242, 241) }
```

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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