

Converting Colors

$Y_{xy}(90.0200, 0.3215, 0.3385)$

Have a look what the booklet for
Yxy(90.0200, 0.3215, 0.3385)
contains.

Yxy(89.9982, 0.3215, 0.3379)	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(89.9982, 0.3215, 0.3379)

Conversions

Conversions Part 1

Format	Color
Hex	F8F3EA
RGB	248, 243, 234
RGB Percent	97%, 95%, 92%
CMY	0.0272, 0.0471, 0.0823
CMYK	0.00, 0.02, 0.06, 0.03
HSL	38°, 50%, 95%
HSV	38°, 6%, 97%
XYZ	85.6301, 89.9982, 90.7173
YIQ	243.4690, 5.8690, -1.7390

Conversions

Conversions Part 2

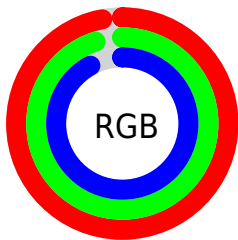
Format	Color
R _Y B	242, 248, 234
Decimal	16315370
CIE Lab	96.00, 0.17, 4.90
CIE LCh	96, 4.905, 88.033
Yxy	89.9982, 0.3215, 0.3379
Android (android.graphics.Color)	4294505450 (0xFFFF8F3EA)
YUV	243.4690, -4.6682, 3.9737
Hunter-Lab	94.8674, -4.8985, 9.7109

Details

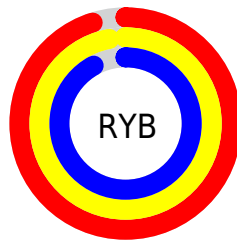
The Yxy color **89.9982, 0.3215, 0.3379** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **86.0645, 0.3040, 0.3199**, and the grayscale version is **90.0643, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.9615, 0.3240, 0.3404** is the 20% darker color. If you saturate the color by 10%, you get **83.4422, 0.3384, 0.3543**, and if you desaturate by 10%, it is **96.7742, 0.3085, 0.3260**.

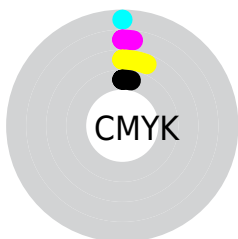
Distribution



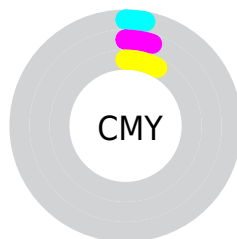
- Red (97%)
- Green (95%)
- Blue (92%)



- Red (95%)
- Yellow (97%)
- Blue (92%)



- Cyan (0%)
- Magenta (2%)
- Yellow (6%)
- Black (3%)




- Cyan (3%)
- Magenta (5%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 89.9982, 0.3215, 0.3379 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 89.9982, 0.3215, 0.3379 by changing the saturation by 10% instead.


 89.9982, 0.3215,
0.3379

 89.9982, 0.3215,
0.3379


528.0250, 0.3176,
0.3339

 67.9792, 0.3224,
0.3388


147.3359, 0.3202,
0.3366

 49.8808, 0.3234,
0.3398


183.4233, 0.3196,
0.3360

 35.3187, 0.3247,
0.3411


224.9690, 0.3192,
0.3356

 23.9085, 0.3264,
0.3428

272.3573, 0.3188,
0.3352

 15.2657, 0.3286,
0.3451

325.9727, 0.3184,
0.3348

 9.0061, 0.3316,
0.3481

386.1995, 0.3181,

 4.7452, 0.3361,

0.3345

0.3527

453.4221, 0.3178,
0.3342

■ 2.0985, 0.3435,
0.3600

■ 0.6638, 0.3783,
0.3954

■ 89.9982, 0.3215,
0.3379

■ 89.9982, 0.3215,
0.3379

■ 83.4422, 0.3384,
0.3543

■ 96.7742, 0.3085,
0.3260

■ 77.3317, 0.3571,
0.3713

■ 98.7066, 0.3084,
0.3290

■ 71.6579, 0.3773,
0.3883

■ 66.4077, 0.3989,
0.4048

■ 61.5665, 0.4211,
0.4196

■ 57.1190, 0.4431,
0.4317

■ 53.0479, 0.4638,
0.4399

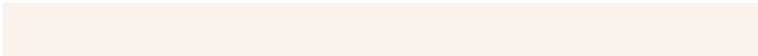
■ 49.3340, 0.4820,
0.4431

■ 45.9539, 0.4970,
0.4411

Harmonies

Analogous

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



89.9982, 0.3235, 0.3349



89.9982, 0.3215, 0.3379



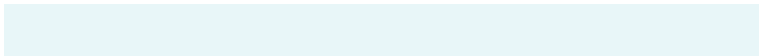
89.9982, 0.3172, 0.3385

Triad

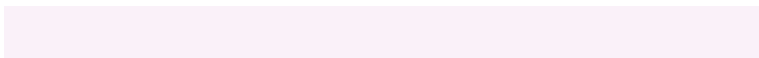
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.9982, 0.3215, 0.3379



89.9982, 0.3030, 0.3275



89.9982, 0.3137, 0.3217

Complementary

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



89.9982, 0.3215, 0.3379



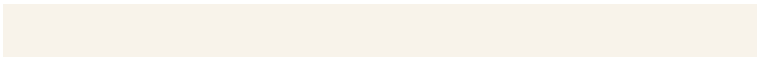
86.0645, 0.3040, 0.3199

Split Complementary

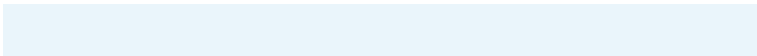
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



89.9982, 0.3082, 0.3197



89.9982, 0.3215, 0.3379



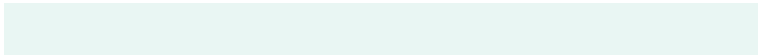
89.9982, 0.3021, 0.3230

Square

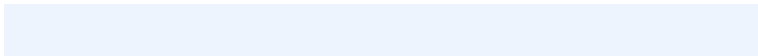
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



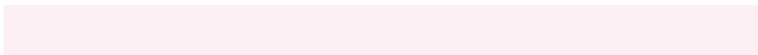
89.9982, 0.3215, 0.3379



89.9982, 0.3065, 0.3325



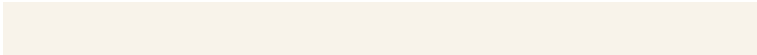
89.9982, 0.3040, 0.3202



89.9982, 0.3190, 0.3256

Rectangle

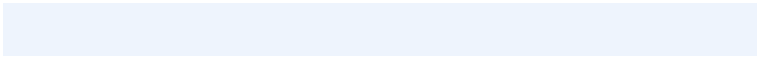
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



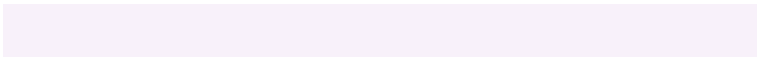
89.9982, 0.3215, 0.3379



89.9982, 0.3135, 0.3375



89.9982, 0.3040, 0.3202



89.9982, 0.3119, 0.3208

Sweetspot

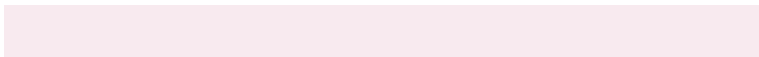
The Sweet Spot groups the original color and five complimentary colors.



90.0021, 0.3215, 0.3379



98.5061, 0.3158, 0.3321



85.0682, 0.3189, 0.3239



21.1001, 0.3156, 0.3320



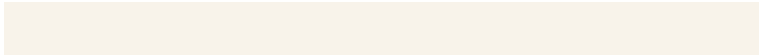
0.0000, 0.0000, 0.0000



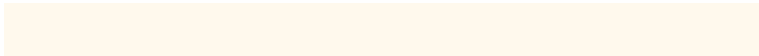
21.4041, 0.3127, 0.3290

Same Dimension

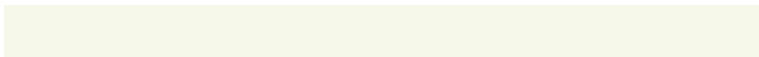
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90.0021, 0.3215, 0.3379



94.8583, 0.3237, 0.3401



92.7369, 0.3199, 0.3429



19.3503, 0.3246, 0.3410



24.3439, 0.5010, 0.4404



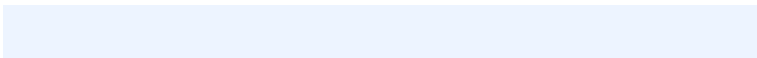
2.4557, 0.4887, 0.4502

Inverse Universe

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



86.0645, 0.3040, 0.3199



89.7097, 0.3019, 0.3177



83.4554, 0.3053, 0.3148



18.2114, 0.3010, 0.3167



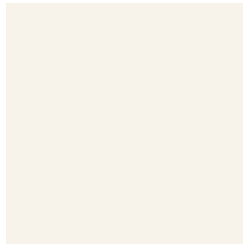
7.8146, 0.1653, 0.1150



0.9169, 0.1719, 0.1386

Previews

White Background



This preview shows how the Yxy color 89.9982, 0.3215, 0.3379 looks on a white background.

Color Contrast Check

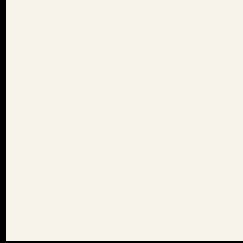
Large Text (above 18pt) WCAG AA × Fail

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 89.9982, 0.3215, 0.3379 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

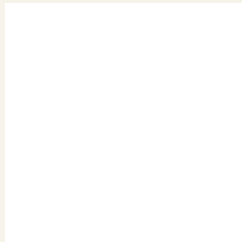
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 89.9982, 0.3215, 0.3379

Background



This preview shows how black text looks on a background with the Yxy color 89.9982, 0.3215, 0.3379.

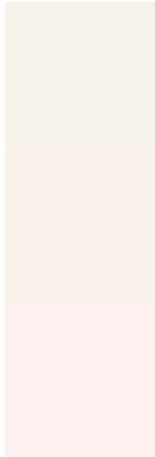


This preview shows how white text looks on a background with the Yxy color 89.9982, 0.3215, 0.3379.

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

89.9982, 0.3215, 0.3379

Protanopia

89.7688, 0.3229, 0.3369

Deuteranopia

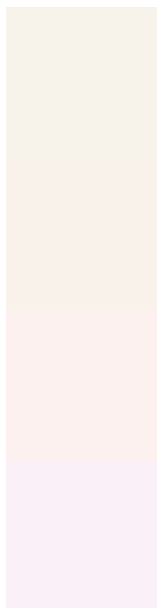
89.8714, 0.3226, 0.3290



Tritanopia

89.8642, 0.3101, 0.3145

Trichromacy



Original Color

89.9982, 0.3215, 0.3379

Protanomaly

89.5845, 0.3222, 0.3369

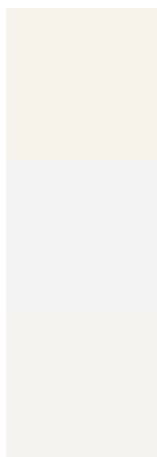
Deuteranomaly

89.7791, 0.3218, 0.3320

Tritanomaly

89.7657, 0.3143, 0.3231

Monochromacy



Original Color

89.9982, 0.3215, 0.3379

Achromatopsia

89.6269, 0.3127, 0.3290

Achromatomaly

89.8049, 0.3158, 0.3320

CSS Examples

Text

The CSS property to change the color of the text to Yxy 89.9982, 0.3215, 0.3379 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(248, 243, 234)` looks like.

```
.text, #text, p{  
    color:rgb(248, 243, 234)  
}
```

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(248, 243, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 243, 234) }
```

Border

The CSS property to change the border of an element to Yxy 89.9982, 0.3215, 0.3379 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(248, 243, 234) }
```

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

```
.border{ border-color:rgb(248, 243, 234) }
```

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

Here you see how a box with a 4 pixel rgb(248, 243, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 243, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 243, 234);  
box-shadow:4px 4px 4px 4px rgb(248, 243,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 89.9982, 0.3215, 0.3379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 243, 234) }
```

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

```
.background{ background-color: rgb(248,  
243, 234) }
```

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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