

Converting Colors

$Y_{xy}(100.0000, 0.3556, 0.3268)$

Have a look what the booklet for
Yxy(100.0000, 0.3556, 0.3268)
contains.

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Color

Yxy(89.4038, 0.3215, 0.3261)

Conversions

Conversions Part 1

Format	Color
Hex	FFEFF2
RGB	255, 239, 242
RGB Percent	100%, 94%, 95%
CMY	0.0000, 0.0628, 0.0510
CMYK	0.00, 0.06, 0.05, 0.00
HSL	349°, 100%, 97%
HSV	349°, 6%, 100%
XYZ	88.1427, 89.4038, 96.6142
YIQ	244.1260, 8.5730, 4.3250

Conversions

Conversions Part 2

Format	Color
R _Y B	255, 239, 242
Decimal	16773106
CIE Lab	95.75, 5.91, 0.48
CIE LCh	96, 5.931, 4.678
Yxy	89.4038, 0.3215, 0.3261
Android (android.graphics.Color)	4294963186 (0xFFFEFF2)
YUV	244.1260, -1.0481, 9.5365
Hunter-Lab	94.5536, 0.9286, 5.6054

Details

The Yxy color **89.4038, 0.3215, 0.3261** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **96.8978, 0.3046, 0.3319**, and the grayscale version is **90.5731, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.4179, 0.3231, 0.3253** is the 20% darker color. If you saturate the color by 10%, you get **74.3338, 0.3381, 0.3212**, and if you desaturate by 10%, it is **100.0000, 0.3127, 0.3290**.

Distribution



Red (100%)

Green (94%)

Blue (95%)



Red (100%)

Yellow (94%)

Blue (95%)



Cyan (0%)

Magenta (6%)

Yellow (5%)

Black (0%)



Cyan (0%)


Magenta (6%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 89.4038, 0.3215, 0.3261 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 89.4038, 0.3215, 0.3261 by changing the saturation by 10% instead.


 89.4038, 0.3215,
0.3261

 89.4038, 0.3215,
0.3261


526.0895, 0.3176,
0.3274

 67.4863, 0.3224,
0.3258


146.5100, 0.3202,
0.3265

 49.4799, 0.3234,
0.3255


182.4674, 0.3196,
0.3267

 35.0003, 0.3247,
0.3250


223.8736, 0.3192,
0.3269

 23.6631, 0.3264,
0.3245

271.1129, 0.3188,
0.3270

 15.0839, 0.3286,
0.3237

324.5697, 0.3184,
0.3271

 8.8783, 0.3317,
0.3227

384.6285, 0.3181,

 4.6619, 0.3363,

0.3272

0.3211

451.6737, 0.3178,
0.3273

■ 2.0503, 0.3437,
0.3185

■ 0.6364, 0.3664,
0.3112

■ 89.4038, 0.3215,
0.3261

■ 89.4038, 0.3215,
0.3261

■ 74.3338, 0.3381,
0.3212

100.0000, 0.3127,
0.3290

■ 61.4214, 0.3588,
0.3161

■ 50.5652, 0.3842,
0.3110

■ 41.6584, 0.4150,
0.3062

■ 34.5849, 0.4512,
0.3024

■ 29.2163, 0.4919,
0.3005

■ 25.4072, 0.5343,
0.3014

■ 22.9878, 0.5739,
0.3057

■ 21.7477, 0.6053,
0.3131

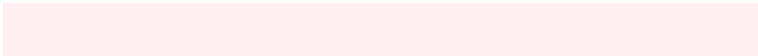
Harmonies

Analogous

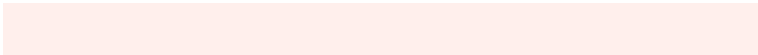
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.4038, 0.3154, 0.3210



89.4038, 0.3215, 0.3261



89.4038, 0.3252, 0.3320

Triad

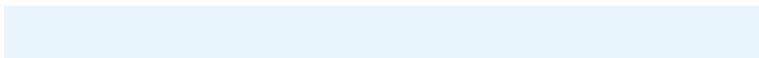
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.4038, 0.3215, 0.3261



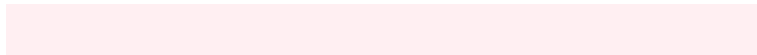
89.4038, 0.3167, 0.3403



89.4038, 0.3001, 0.3207

Complementary

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



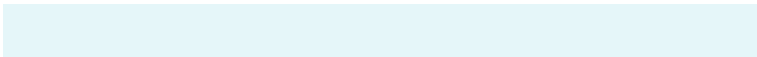
89.4038, 0.3215, 0.3261



96.8978, 0.3046, 0.3319

Split Complementary

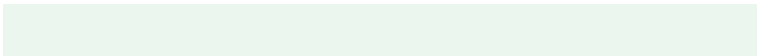
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



89.4038, 0.3004, 0.3258



89.4038, 0.3215, 0.3261



89.4038, 0.3099, 0.3372

Square

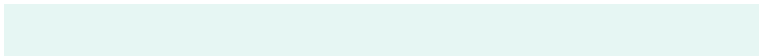
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



89.4038, 0.3215, 0.3261



89.4038, 0.3224, 0.3402



89.4038, 0.3040, 0.3319



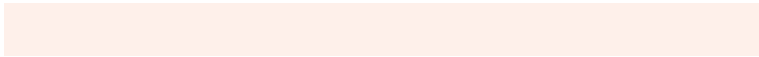
89.4038, 0.3031, 0.3179

Rectangle

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



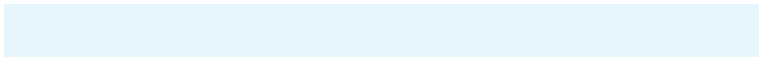
89.4038, 0.3215, 0.3261



89.4038, 0.3258, 0.3356



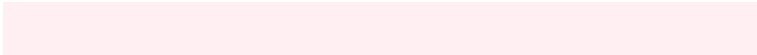
89.4038, 0.3040, 0.3319



89.4038, 0.2998, 0.3222

Sweetspot

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



89.4009, 0.3215, 0.3261



96.5251, 0.3154, 0.3281



89.6081, 0.3114, 0.3135



20.6967, 0.3152, 0.3281



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

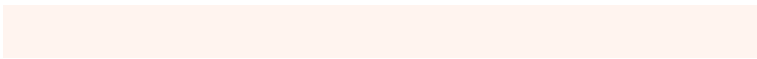
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.4009, 0.3215, 0.3261



86.6462, 0.3241, 0.3253



92.0707, 0.3230, 0.3337



18.0428, 0.3265, 0.3246



11.2356, 0.6111, 0.3140



1.1081, 0.5819, 0.2980

Inverse Universe

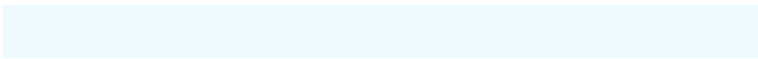
The Inverse Universe completely reimagines the original color for something new.



89.4009, 0.3215, 0.3261



86.6462, 0.3241, 0.3253



94.0645, 0.3030, 0.3243



18.0428, 0.3265, 0.3246



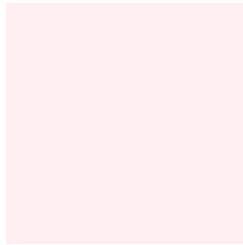
11.2356, 0.6111, 0.3140



1.1081, 0.5819, 0.2980

Previews

White Background



This preview shows how the Yxy color 89.4038, 0.3215, 0.3261 looks on a white background.

Color Contrast Check

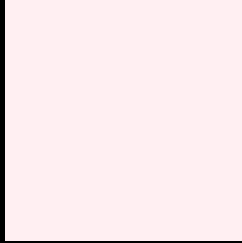
Large Text (above 18pt) WCAG AA × Fail

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 89.4038, 0.3215, 0.3261 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

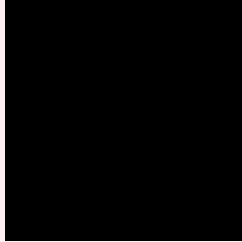
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

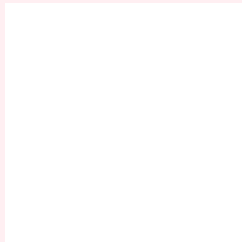
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 89.4038, 0.3215, 0.3261

Background



This preview shows how black text looks on a background with the Yxy color 89.4038, 0.3215, 0.3261.

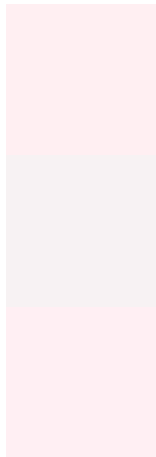


This preview shows how white text looks on a background with the Yxy color 89.4038, 0.3215, 0.3261.

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

89.4038, 0.3215, 0.3261

Protanopia

89.7495, 0.3154, 0.3280

Deuteranopia

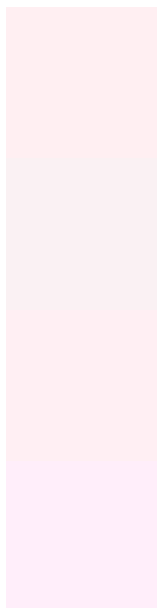
89.4641, 0.3208, 0.3251



Tritanopia

89.5648, 0.3141, 0.3136

Trichromacy



Original Color

89.4038, 0.3215, 0.3261

Protanomaly

89.7057, 0.3174, 0.3271

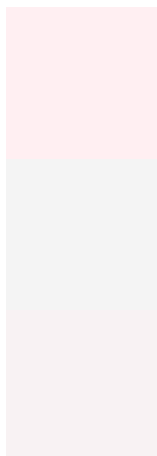
Deuteranomaly

89.4641, 0.3208, 0.3251

Tritanomaly

89.3112, 0.3166, 0.3174

Monochromacy



Original Color

89.4038, 0.3215, 0.3261

Achromatopsia

90.4661, 0.3127, 0.3290

Achromatomaly

89.9318, 0.3160, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 89.4038, 0.3215, 0.3261 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, 239, 242)` looks like.

```
.text, #text, p{  
    color:rgb(255, 239, 242)  
}
```

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, 239, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 239, 242) }
```

Border

The CSS property to change the border of an element to Yxy 89.4038, 0.3215, 0.3261 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, 239, 242) }
```

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

```
.border{ border-color:rgb(255, 239, 242) }
```

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

Here you see how a box with a 4 pixel rgb(255, 239, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 239, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 239, 242);  
box-shadow:4px 4px 4px 4px rgb(255, 239,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 89.4038, 0.3215, 0.3261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 239, 242) }
```

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

```
.background{ background-color: rgb(255,  
239, 242) }
```

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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