

Converting Colors

$Y_{xy}(89.4469, 0.3070, 0.3250)$

Have a look what the booklet for
Yxy(89.4469, 0.3070, 0.3250)
contains.

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Color

Yxy(89.6558, 0.3065, 0.3250)

Conversions

Conversions Part 1

Format	Color
Hex	EEF4F8
RGB	238, 244, 248
RGB Percent	93%, 96%, 97%
CMY	0.0667, 0.0431, 0.0274
CMYK	0.04, 0.02, 0.00, 0.03
HSL	204°, 42%, 95%
HSV	204°, 4%, 97%
XYZ	84.5523, 89.6558, 101.6559
YIQ	242.6620, -4.8600, -0.0280

Conversions

Conversions Part 2

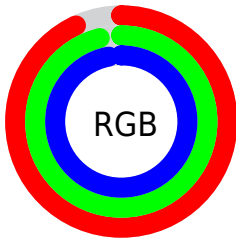
Format	Color
R _Y B	238, 242, 248
Decimal	15660280
CIE Lab	95.85, -1.25, -2.62
CIE LCh	96, 2.906, 244.452
Yxy	89.6558, 0.3065, 0.3250
Android (android.graphics.Color)	4293850360 (0xFFEEF4F8)
YUV	242.6620, 2.6316, -4.0886
Hunter-Lab	94.6867, -6.3069, 2.6269

Details

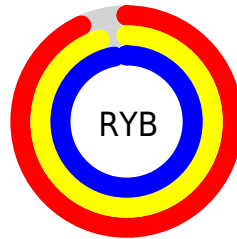
The Yxy color **89.6558, 0.3065, 0.3250** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **89.6279, 0.3191, 0.3330**, and the grayscale version is **89.3287, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.7173, 0.3048, 0.3239** is the 20% darker color. If you saturate the color by 10%, you get **79.8596, 0.2908, 0.3143**, and if you desaturate by 10%, it is **98.8623, 0.3168, 0.3347**.

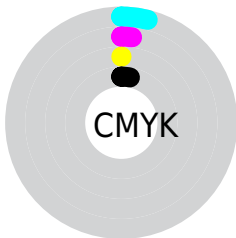
Distribution



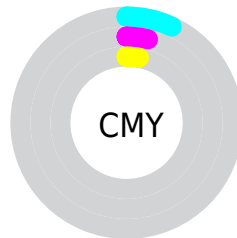
- Red (93%)
- Green (96%)
- Blue (97%)



- Red (93%)
- Yellow (95%)
- Blue (97%)



- Cyan (4%)
- Magenta (2%)
- Yellow (0%)
- Black (3%)





- Cyan (7%)
- Magenta (4%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 89.6558, 0.3065, 0.3250 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 89.6558, 0.3065, 0.3250 by changing the saturation by 10% instead.


 89.6558, 0.3065,
0.3250

 89.6558, 0.3065,
0.3250


526.9105, 0.3093,
0.3268

 67.6952, 0.3059,
0.3246


146.8602, 0.3074,
0.3256

 49.6498, 0.3051,
0.3241


182.8728, 0.3078,
0.3259

 35.1352, 0.3042,
0.3235


224.3381, 0.3081,
0.3261

 23.7671, 0.3031,
0.3227

271.6407, 0.3084,
0.3262

 15.1609, 0.3015,
0.3217

325.1648, 0.3087,
0.3264

 8.9324, 0.2993,
0.3203

385.2949, 0.3089,

 4.6971, 0.2962,

0.3266

0.3182

452.4153, 0.3091,
0.3267

■ 2.0707, 0.2911,
0.3148

■ 0.6481, 0.2758,
0.3053

■ 89.6558, 0.3065,
0.3250

■ 89.6558, 0.3065,
0.3250

■ 79.8596, 0.2908,
0.3143

■ 98.8623, 0.3168,
0.3347

■ 70.9419, 0.2750,
0.3025

■ 99.5574, 0.3168,
0.3357

■ 62.8758, 0.2592,
0.2896

■ 55.6284, 0.2440,
0.2756

■ 49.1643, 0.2297,
0.2609

■ 43.4448, 0.2167,
0.2455

■ 38.4268, 0.2055,
0.2298

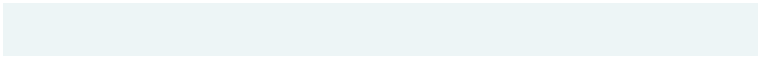
■ 34.0613, 0.1963,
0.2142

■ 30.2891, 0.1894,
0.1989

Harmonies

Analogous

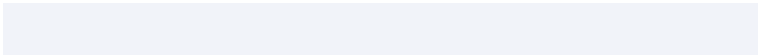
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.6558, 0.3067, 0.3275



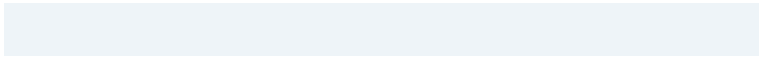
89.6558, 0.3065, 0.3250



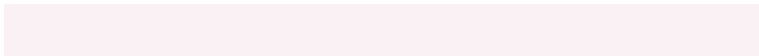
89.6558, 0.3080, 0.3236

Triad

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



89.6558, 0.3065, 0.3250



89.6558, 0.3170, 0.3276



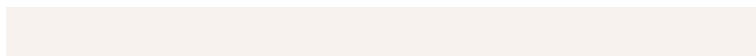
89.6558, 0.3147, 0.3345

Complementary

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



89.6558, 0.3065, 0.3250



89.6279, 0.3191, 0.3330

Split Complementary

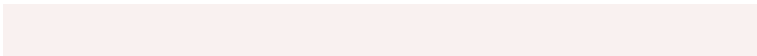
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



89.6558, 0.3175, 0.3345



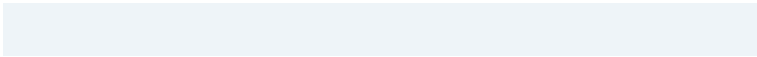
89.6558, 0.3065, 0.3250



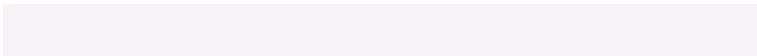
89.6558, 0.3188, 0.3305

Square

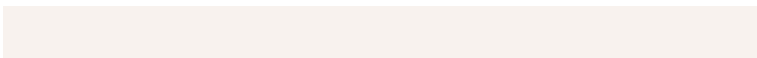
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



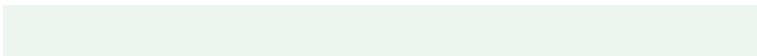
89.6558, 0.3065, 0.3250



89.6558, 0.3140, 0.3251



89.6558, 0.3190, 0.3330



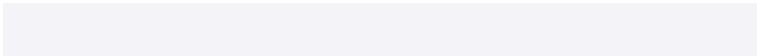
89.6558, 0.3114, 0.3330

Rectangle

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



89.6558, 0.3065, 0.3250



89.6558, 0.3097, 0.3234



89.6558, 0.3190, 0.3330



89.6558, 0.3157, 0.3347

Sweetspot

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



89.6596, 0.3065, 0.3250



98.8718, 0.3112, 0.3280



91.7129, 0.3100, 0.3352



21.1745, 0.3113, 0.3281



0.0000, 0.0000, 0.0000



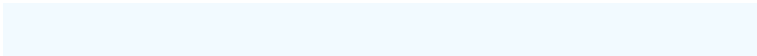
21.4041, 0.3127, 0.3290

Same Dimension

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



89.6596, 0.3065, 0.3250



94.4570, 0.3050, 0.3240



86.7823, 0.3066, 0.3201



19.2013, 0.3039, 0.3233



15.5547, 0.1868, 0.1924



1.6479, 0.1918, 0.2104

Inverse Universe

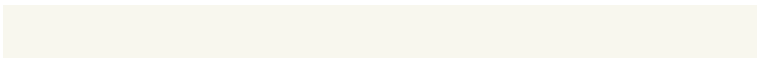
The Inverse Universe completely reimagines the original color for something new.



87.6354, 0.3156, 0.3231



91.8097, 0.3164, 0.3216



92.5498, 0.3188, 0.3377



18.5887, 0.3169, 0.3206



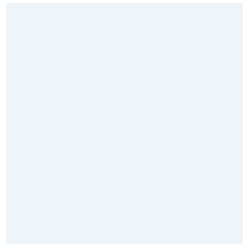
11.9812, 0.4539, 0.2274



1.1306, 0.4337, 0.2163

Previews

White Background



This preview shows how the Yxy color 89.6558, 0.3065, 0.3250 looks on a white background.

Color Contrast Check

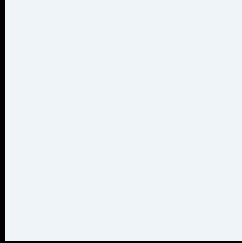
Large Text (above 18pt) WCAG AA × Fail

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 89.6558, 0.3065, 0.3250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

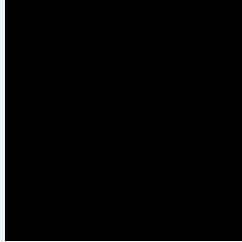
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

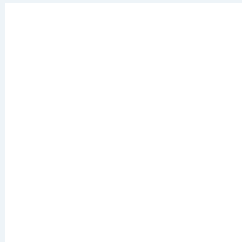
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 89.6558, 0.3065, 0.3250

Background



This preview shows how black text looks on a background with the Yxy color 89.6558, 0.3065, 0.3250.

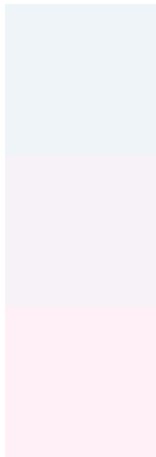


This preview shows how white text looks on a background with the Yxy color 89.6558, 0.3065, 0.3250.

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

89.6558, 0.3065, 0.3250

Protanopia

89.8125, 0.3123, 0.3241

Deuteranopia

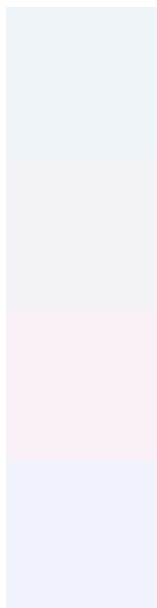
89.7084, 0.3184, 0.3213



Tritanopia

89.4250, 0.3043, 0.3162

Trichromacy



Original Color

89.6558, 0.3065, 0.3250

Protanomaly

89.8713, 0.3103, 0.3250

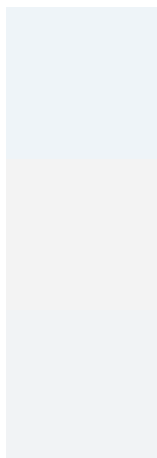
Deuteranomaly

89.7657, 0.3143, 0.3231

Tritanomaly

89.6547, 0.3054, 0.3201

Monochromacy



Original Color

89.6558, 0.3065, 0.3250

Achromatopsia

89.6269, 0.3127, 0.3290

Achromatomaly

89.3945, 0.3102, 0.3270

CSS Examples

Text

The CSS property to change the color of the text to Yxy 89.6558, 0.3065, 0.3250 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(238, 244, 248)` looks like.

```
.text, #text, p{  
    color:rgb(238, 244, 248)  
}
```

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(238, 244, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 244, 248) }
```

Border

The CSS property to change the border of an element to Yxy 89.6558, 0.3065, 0.3250 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(238, 244, 248) }
```

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

```
.border{ border-color:rgb(238, 244, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 244, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 244, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 244, 248);  
box-shadow:4px 4px 4px 4px rgb(238, 244,  
248) }
```


Background

The CSS property to change the background color of an element to Yxy 89.6558, 0.3065, 0.3250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 244, 248) }
```

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

```
.background{ background-color: rgb(238,  
244, 248) }
```

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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