

Converting Colors

Yxy(86.6362, 0.3059, 0.3229)

Have a look what the booklet for
Yxy(86.6362, 0.3059, 0.3229)
contains.

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Color

Yxy(86.6362, 0.3059, 0.3229)

Conversions

Conversions Part 1

Format	Color
Hex	EBF0F6
RGB	235, 240, 246
RGB Percent	92%, 94%, 96%
CMY	0.0781, 0.0589, 0.0352
CMYK	0.04, 0.02, 0.00, 0.04
HSL	213°, 38%, 94%
HSV	213°, 4%, 96%
XYZ	82.0750, 86.6362, 99.5954
YIQ	239.1890, -4.9060, 0.8060

Conversions

Conversions Part 2

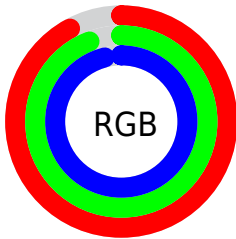
Format	Color
R _Y B	235, 238, 246
Decimal	15462646
CIE Lab	94.58, -0.52, -3.48
CIE LCh	95, 3.521, 261.478
Yxy	86.6362, 0.3059, 0.3229
Android (android.graphics.Color)	4293652726 (0xFFEBF0F6)
YUV	239.1890, 3.3578, -3.6738
Hunter-Lab	93.0786, -5.4894, 1.7138

Details

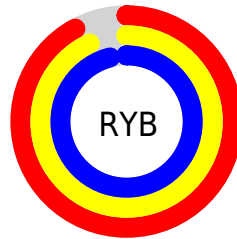
The Yxy color **86.6362, 0.3059, 0.3229** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **88.5709, 0.3196, 0.3350**, and the grayscale version is **86.4583, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.5824, 0.3039, 0.3212** is the 20% darker color. If you saturate the color by 10%, you get **75.0477, 0.2900, 0.3080**, and if you desaturate by 10%, it is **98.5103, 0.3180, 0.3362**.

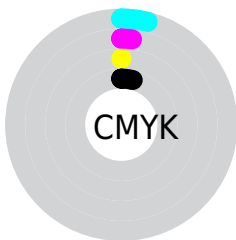
Distribution



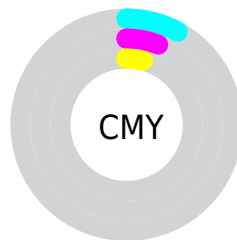
- Red (92%)
- Green (94%)
- Blue (96%)



- Red (92%)
- Yellow (93%)
- Blue (96%)



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





- Cyan (8%)
- Magenta (6%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 86.6362, 0.3059, 0.3229 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 86.6362, 0.3059, 0.3229 by changing the saturation by 10% instead.


 86.6362, 0.3059,
0.3229

 86.6362, 0.3059,
0.3229

517.0267, 0.3090,
0.3256

 65.1942, 0.3052,
0.3223


142.6570, 0.3069,
0.3238

 47.6186, 0.3044,
0.3215


178.0045, 0.3074,
0.3242

 33.5249, 0.3034,
0.3206


218.7560, 0.3077,
0.3245

 22.5289, 0.3020,
0.3194

265.2958, 0.3080,
0.3248

 14.2460, 0.3003,
0.3178

318.0084, 0.3083,
0.3251

 8.2920, 0.2979,
0.3156

377.2782, 0.3085,

 4.2823, 0.2942,

0.3253

0.3123

443.4895, 0.3088,
0.3255

■ 1.8327, 0.2883,
0.3069

■ 0.5074, 0.2648,
0.2862

■ 86.6362, 0.3059,
0.3229

■ 86.6362, 0.3059,
0.3229

■ 75.0477, 0.2900,
0.3080

■ 98.5103, 0.3180,
0.3362

■ 64.5950, 0.2734,
0.2914

■ 99.4347, 0.3179,
0.3376

■ 55.2430, 0.2565,
0.2731

■ 46.9506, 0.2397,
0.2534

■ 39.6739, 0.2234,
0.2325

■ 33.3652, 0.2082,
0.2109

■ 27.9718, 0.1948,
0.1892

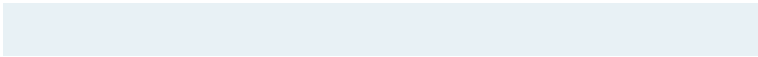
■ 23.4345, 0.1838,
0.1681

■ 19.6836, 0.1754,
0.1483

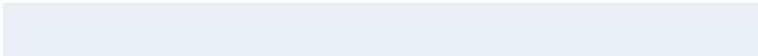
Harmonies

Analogous

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



86.6362, 0.3049, 0.3253



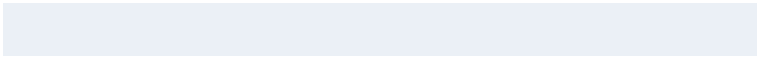
86.6362, 0.3059, 0.3229



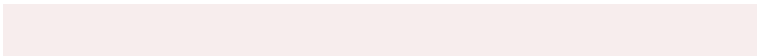
86.6362, 0.3087, 0.3222

Triad

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



86.6362, 0.3059, 0.3229



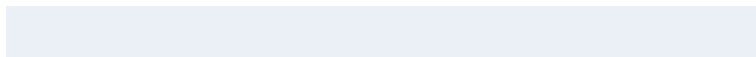
86.6362, 0.3195, 0.3293



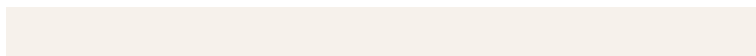
86.6362, 0.3128, 0.3349

Complementary

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



86.6362, 0.3059, 0.3229



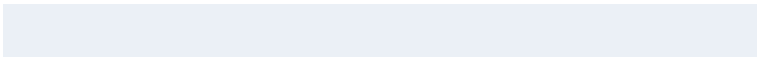
88.5709, 0.3196, 0.3350

Split Complementary

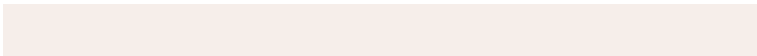
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.6362, 0.3167, 0.3360



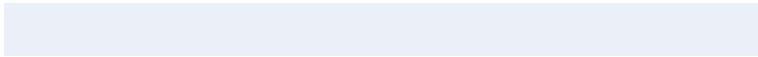
86.6362, 0.3059, 0.3229



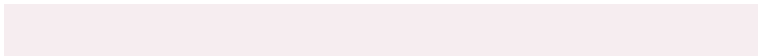
86.6362, 0.3206, 0.3327

Square

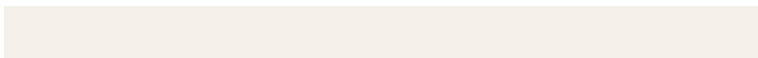
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.6362, 0.3059, 0.3229



86.6362, 0.3165, 0.3258



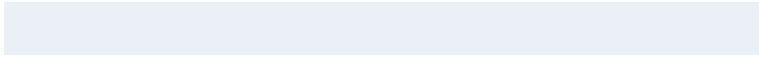
86.6362, 0.3196, 0.3351



86.6362, 0.3089, 0.3323

Rectangle

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



86.6362, 0.3059, 0.3229



86.6362, 0.3112, 0.3227



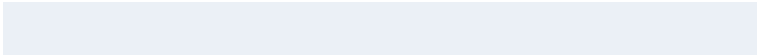
86.6362, 0.3196, 0.3351



86.6362, 0.3142, 0.3355

Sweetspot

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



86.6399, 0.3059, 0.3229



98.6259, 0.3112, 0.3277



89.9513, 0.3086, 0.3339



21.1245, 0.3113, 0.3277



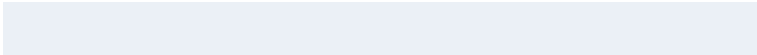
0.0000, 0.0000, 0.0000



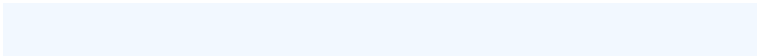
21.4041, 0.3127, 0.3290

Same Dimension

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



86.6399, 0.3059, 0.3229



93.2585, 0.3050, 0.3221



83.8823, 0.3064, 0.3179



18.1035, 0.3040, 0.3211



9.8191, 0.1725, 0.1410



1.0650, 0.1792, 0.1650

Inverse Universe

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



85.3451, 0.3170, 0.3241



91.6887, 0.3176, 0.3235



91.4192, 0.3189, 0.3399



17.7575, 0.3183, 0.3227



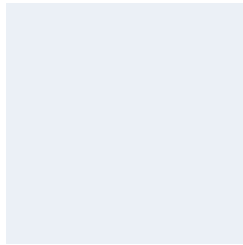
11.0906, 0.5177, 0.2626



0.9952, 0.4869, 0.2456

Previews

White Background



This preview shows how the Yxy color 86.6362, 0.3059, 0.3229 looks on a white background.

Color Contrast Check

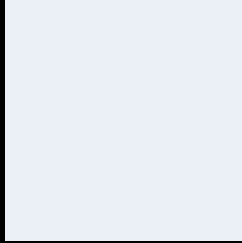
Large Text (above 18pt) WCAG AA × Fail

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 86.6362, 0.3059, 0.3229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

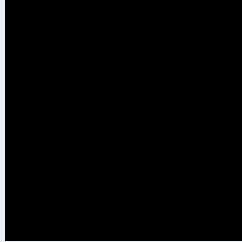
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

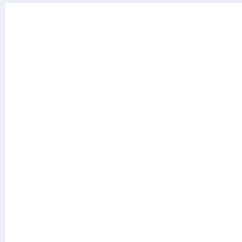
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 86.6362, 0.3059, 0.3229

Background



This preview shows how black text looks on a background with the Yxy color 86.6362, 0.3059, 0.3229.

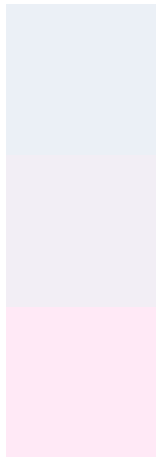


This preview shows how white text looks on a background with the Yxy color 86.6362, 0.3059, 0.3229.

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

86.6362, 0.3059, 0.3229

Protanopia

86.6189, 0.3111, 0.3220

Deuteranopia

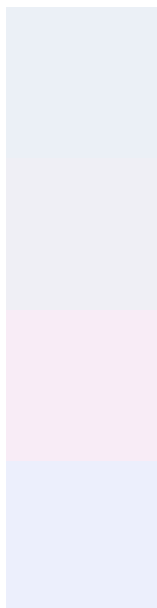
86.1916, 0.3194, 0.3164



Tritanopia

86.3736, 0.3018, 0.3120

Trichromacy



Original Color

86.6362, 0.3059, 0.3229

Protanomaly

86.6763, 0.3091, 0.3230

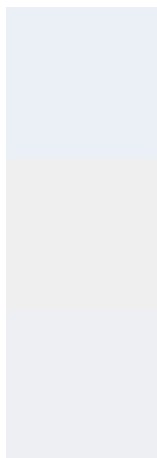
Deuteranomaly

86.6012, 0.3145, 0.3192

Tritanomaly

86.5941, 0.3030, 0.3160

Monochromacy



Original Color

86.6362, 0.3059, 0.3229

Achromatopsia

86.3157, 0.3127, 0.3290

Achromatomaly

86.3210, 0.3102, 0.3260

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.6362, 0.3059, 0.3229 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(235, 240, 246)` looks like.

```
.text, #text, p{  
    color:rgb(235, 240, 246)  
}
```

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(235, 240, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 240, 246) }
```

Border

The CSS property to change the border of an element to Yxy 86.6362, 0.3059, 0.3229 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(235, 240, 246) }
```

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

```
.border{ border-color:rgb(235, 240, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 240, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 240, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 240, 246);  
box-shadow:4px 4px 4px 4px rgb(235, 240,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 86.6362, 0.3059, 0.3229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 240, 246) }
```

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

```
.background{ background-color: rgb(235,  
240, 246) }
```

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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