

Converting Colors

$Yxy(86.4069, 0.3054, 0.3227)$

Have a look what the booklet for
Yxy(86.4069, 0.3054, 0.3227)
contains.

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Color

Yxy(86.4664, 0.3052, 0.3229)

Conversions

Conversions Part 1

Format	Color
Hex	EAF0F6
RGB	234, 240, 246
RGB Percent	92%, 94%, 96%
CMY	0.0824, 0.0588, 0.0352
CMYK	0.05, 0.02, 0.00, 0.04
HSL	210°, 40%, 94%
HSV	210°, 5%, 96%
XYZ	81.7267, 86.4664, 99.5877
YIQ	238.8900, -5.5020, 0.5940

Conversions

Conversions Part 2

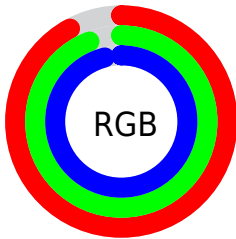
Format	Color
R _Y B	234, 238, 246
Decimal	15397110
CIE Lab	94.51, -0.88, -3.60
CIE LCh	95, 3.709, 256.200
Yxy	86.4664, 0.3052, 0.3229
Android (android.graphics.Color)	4293587190 (0xFFEAF0F6)
YUV	238.8900, 3.5052, -4.2885
Hunter-Lab	92.9873, -5.8439, 1.5926

Details

The Yxy color **86.4664, 0.3052, 0.3229** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **87.8626, 0.3204, 0.3350**, and the grayscale version is **86.2043, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.4637, 0.3031, 0.3212** is the 20% darker color. If you saturate the color by 10%, you get **75.5902, 0.2893, 0.3093**, and if you desaturate by 10%, it is **97.7312, 0.3181, 0.3350**.

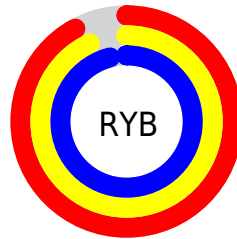
Distribution



Red (92%)

Green (94%)

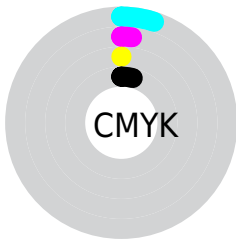
Blue (96%)



Red (92%)

Yellow (93%)

Blue (96%)

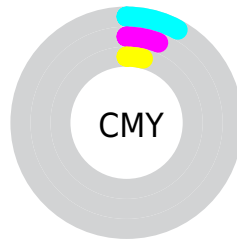


Cyan (5%)

Magenta (2%)

Yellow (0%)

Black (4%)



Cyan (8%)

Magenta (6%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 86.4664, 0.3052, 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 86.4664, 0.3052, 0.3229 by changing the saturation by 10% instead.

86.4664, 0.3052,
0.3229

86.4664, 0.3052,
0.3229

516.4679, 0.3086,
0.3257

65.0537, 0.3045,
0.3223

142.4202, 0.3064,
0.3238

47.5046, 0.3035,
0.3215

177.7300, 0.3068,
0.3242

33.4348, 0.3024,
0.3206

218.4411, 0.3072,
0.3245

22.4597, 0.3010,
0.3194

264.9377, 0.3075,
0.3248

14.1951, 0.2990,
0.3178

317.6043, 0.3078,
0.3251

8.2565, 0.2963,
0.3156

376.8253, 0.3081,

4.2595, 0.2923,

0.3253

0.3123

442.9850, 0.3084,
0.3255

■ 1.8198, 0.2858,
0.3068

■ 0.4994, 0.2592,
0.2857

■ 86.4664, 0.3052,
0.3229

■ 86.4664, 0.3052,
0.3229

■ 75.5902, 0.2893,
0.3093

■ 97.7312, 0.3181,
0.3350

■ 65.7463, 0.2730,
0.2943

■ 99.4352, 0.3179,
0.3376

■ 56.9034, 0.2565,
0.2777

■ 49.0236, 0.2402,
0.2599

■ 42.0668, 0.2246,
0.2410

■ 35.9890, 0.2103,
0.2214

■ 30.7417, 0.1978,
0.2017

■ 26.2698, 0.1874,
0.1823

■ 22.5078, 0.1796,
0.1638

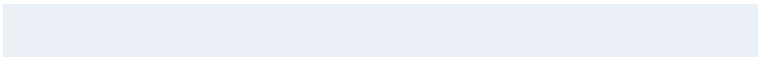
Harmonies

Analogous

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



86.4664, 0.3046, 0.3257



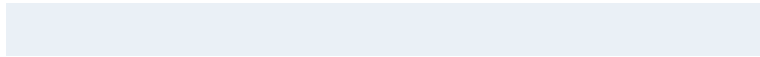
86.4664, 0.3052, 0.3229



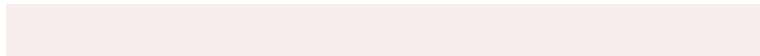
86.4664, 0.3078, 0.3218

Triad

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



86.4664, 0.3052, 0.3229



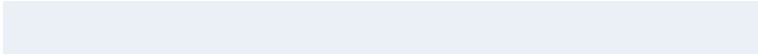
86.4664, 0.3194, 0.3286



86.4664, 0.3136, 0.3356

Complementary

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



86.4664, 0.3052, 0.3229



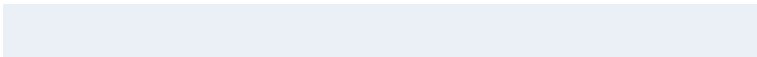
87.8626, 0.3204, 0.3350

Split Complementary

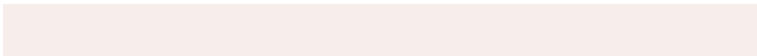
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.4664, 0.3176, 0.3363



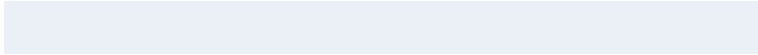
86.4664, 0.3052, 0.3229



86.4664, 0.3210, 0.3323

Square

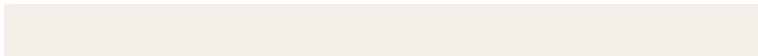
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



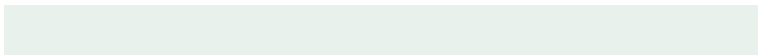
86.4664, 0.3052, 0.3229



86.4664, 0.3160, 0.3251



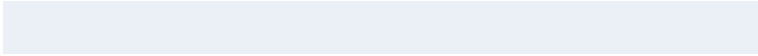
86.4664, 0.3203, 0.3351



86.4664, 0.3094, 0.3330

Rectangle

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



86.4664, 0.3052, 0.3229



86.4664, 0.3104, 0.3221



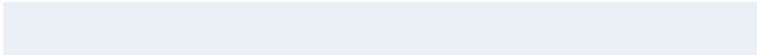
86.4664, 0.3203, 0.3351



86.4664, 0.3150, 0.3361

Sweetspot

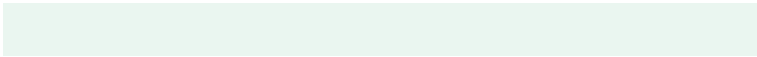
The Sweet Spot groups the original color and five complimentary colors.



86.4701, 0.3052, 0.3229



98.7085, 0.3112, 0.3278



89.7081, 0.3086, 0.3351



21.1413, 0.3113, 0.3278



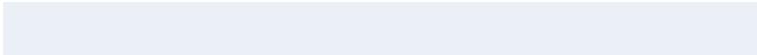
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



86.4701, 0.3052, 0.3229



92.4273, 0.3035, 0.3215



82.9880, 0.3053, 0.3168



17.9651, 0.3025, 0.3206



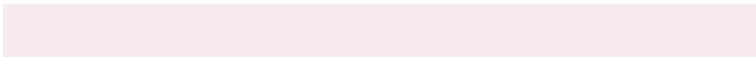
11.3888, 0.1771, 0.1576



1.2065, 0.1834, 0.1803

Inverse Universe

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



84.7301, 0.3170, 0.3230



90.1406, 0.3181, 0.3216



91.4621, 0.3199, 0.3410



17.4743, 0.3187, 0.3208



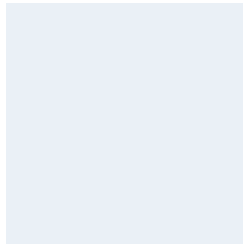
11.2491, 0.4961, 0.2507



1.0094, 0.4682, 0.2353

Previews

White Background



This preview shows how the Yxy color 86.4664, 0.3052, 0.3229 looks on a white background.

Color Contrast Check

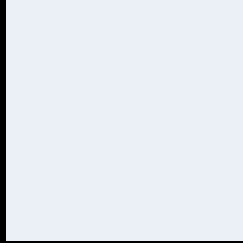
Large Text (above 18pt) WCAG AA × Fail

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 86.4664, 0.3052, 0.3229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

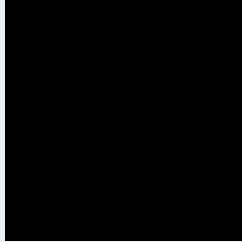
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

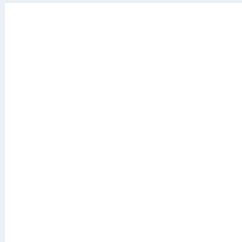
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 86.4664, 0.3052, 0.3229

Background



This preview shows how black text looks on a background with the Yxy color 86.4664, 0.3052, 0.3229.

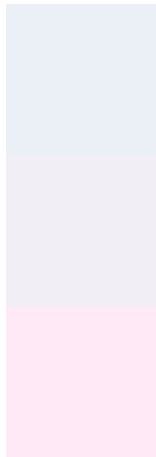


This preview shows how white text looks on a background with the Yxy color 86.4664, 0.3052, 0.3229.

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

86.4664, 0.3052, 0.3229

Protanopia

86.6189, 0.3111, 0.3220

Deuteranopia

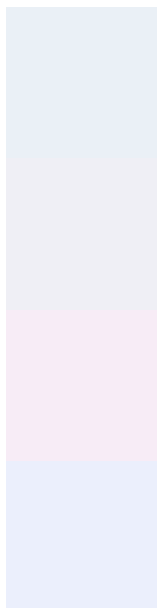
86.1916, 0.3194, 0.3164



Tritanopia

86.2019, 0.3012, 0.3120

Trichromacy



Original Color

86.4664, 0.3052, 0.3229

Protanomaly

86.6763, 0.3091, 0.3230

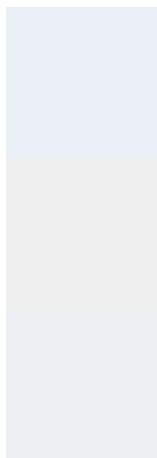
Deuteranomaly

86.4189, 0.3138, 0.3191

Tritanomaly

86.4234, 0.3023, 0.3159

Monochromacy



Original Color

86.4664, 0.3052, 0.3229

Achromatopsia

86.3157, 0.3127, 0.3290

Achromatomaly

86.1483, 0.3096, 0.3260

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.4664, 0.3052, 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(234, 240, 246)` looks like.

```
.text, #text, p{  
    color:rgb(234, 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(234, 240, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 240, 246) }
```

Border

The CSS property to change the border of an element to Yxy 86.4664, 0.3052, 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(234, 240, 246) }
```

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

```
.border{ border-color:rgb(234, 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(234, 240, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 240, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 240, 246);  
box-shadow:4px 4px 4px 4px rgb(234, 240,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 86.4664, 0.3052, 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(234, 240, 246) }
```

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

```
.background{ background-color: rgb(234,  
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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