

Converting Colors

$Yxy(88.7387, 0.3062, 0.3267)$

Have a look what the booklet for
Yxy(88.7387, 0.3062, 0.3267)
contains.

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Color

Yxy(88.4172, 0.3058, 0.3260)

Conversions

Conversions Part 1

Format	Color
Hex	EBF3F6
RGB	235, 243, 246
RGB Percent	92%, 95%, 96%
CMY	0.0785, 0.0470, 0.0354
CMYK	0.04, 0.01, 0.00, 0.04
HSL	196°, 38%, 94%
HSV	196°, 4%, 96%
XYZ	82.9386, 88.4172, 99.8626
YIQ	240.9500, -5.7310, -0.7630

Conversions

Conversions Part 2

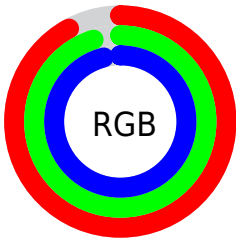
Format	Color
R _Y B	235, 240, 246
Decimal	15463414
CIE Lab	95.34, -2.10, -2.36
CIE LCh	95, 3.159, 228.287
Yxy	88.4172, 0.3058, 0.3260
Android (android.graphics.Color)	4293653494 (0xFFEBF3F6)
YUV	240.9500, 2.4896, -5.2182
Hunter-Lab	94.0304, -7.1091, 2.8539

Details

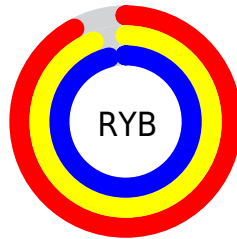
The Yxy color **88.4172, 0.3058, 0.3260** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **86.7035, 0.3199, 0.3320**, and the grayscale version is **87.9047, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.8421, 0.3039, 0.3251** is the 20% darker color. If you saturate the color by 10%, you get **80.6232, 0.2903, 0.3188**, and if you desaturate by 10%, it is **96.0615, 0.3183, 0.3325**.

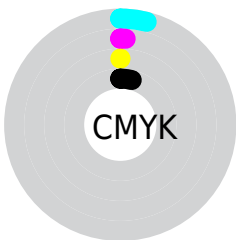
Distribution



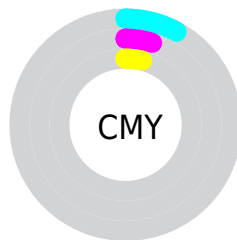
- Red (92%)
- Green (95%)
- Blue (96%)



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



- Cyan (4%)
- Magenta (1%)
- Yellow (0%)
- Black (4%)



- Cyan (8%)
- Magenta (5%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 88.4172, 0.3058, 0.3260 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 88.4172, 0.3058, 0.3260 by changing the saturation by 10% instead.

88.4172, 0.3058,
0.3260

88.4172, 0.3058,
0.3260

522.8685, 0.3089,
0.3274

66.6686, 0.3051,
0.3257

145.1378, 0.3069,
0.3265

48.8154, 0.3043,
0.3253

180.8787, 0.3073,
0.3266

34.4731, 0.3033,
0.3249

222.0525, 0.3076,
0.3268

23.2572, 0.3019,
0.3243

269.0435, 0.3079,
0.3269

14.7836, 0.3002,
0.3235

322.2363, 0.3082,
0.3271

8.6676, 0.2978,
0.3224

382.0151, 0.3085,

4.5250, 0.2942,

0.3272

0.3207

448.7644, 0.3087,
0.3273

■ 1.9714, 0.2884,
0.3180

■ 0.5908, 0.2673,
0.3095

■ 88.4172, 0.3058,
0.3260

■ 88.4172, 0.3058,
0.3260

■ 80.6232, 0.2903,
0.3188

■ 96.0615, 0.3183,
0.3325

■ 73.5224, 0.2751,
0.3109

■ 99.4323, 0.3179,
0.3376

■ 67.0920, 0.2604,
0.3023

■ 61.3031, 0.2465,
0.2931

■ 56.1247, 0.2340,
0.2834

■ 51.5224, 0.2229,
0.2734

■ 47.4579, 0.2138,
0.2632

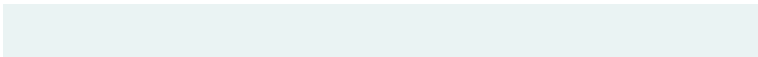
■ 43.8866, 0.2066,
0.2530

■ 40.7546, 0.2015,
0.2428

Harmonies

Analogous

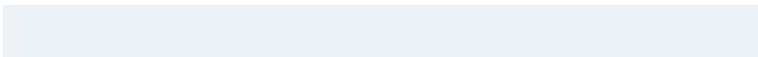
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.4172, 0.3070, 0.3291



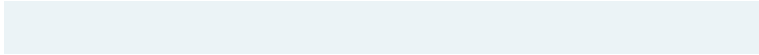
88.4172, 0.3058, 0.3260



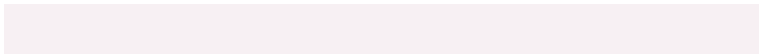
88.4172, 0.3065, 0.3237

Triad

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



88.4172, 0.3058, 0.3260



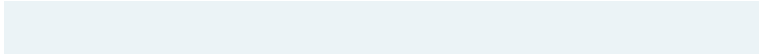
88.4172, 0.3158, 0.3259



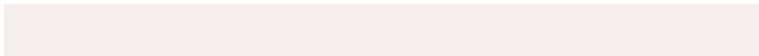
88.4172, 0.3166, 0.3352

Complementary

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



88.4172, 0.3058, 0.3260



86.7035, 0.3199, 0.3320

Split Complementary

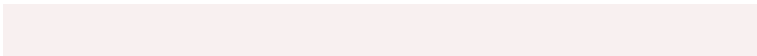
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.4172, 0.3190, 0.3343



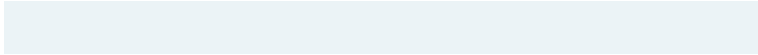
88.4172, 0.3058, 0.3260



88.4172, 0.3185, 0.3289

Square

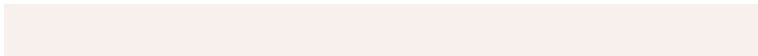
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



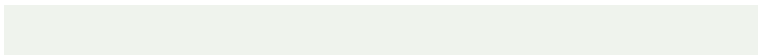
88.4172, 0.3058, 0.3260



88.4172, 0.3122, 0.3237



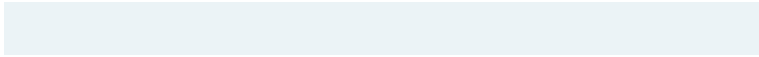
88.4172, 0.3197, 0.3320



88.4172, 0.3132, 0.3344

Rectangle

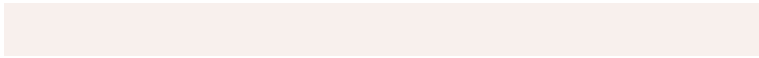
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.4172, 0.3058, 0.3260



88.4172, 0.3079, 0.3230



88.4172, 0.3197, 0.3320



88.4172, 0.3176, 0.3351

Sweetspot

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



88.4210, 0.3058, 0.3260



99.0819, 0.3112, 0.3283



89.7242, 0.3105, 0.3371



21.2173, 0.3112, 0.3284



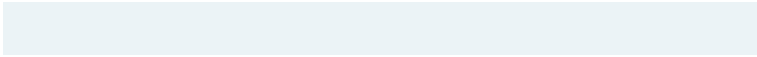
0.0000, 0.0000, 0.0000



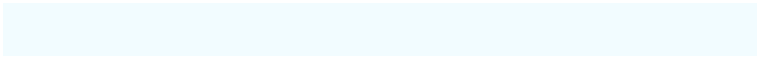
21.4041, 0.3127, 0.3290

Same Dimension

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



88.4210, 0.3058, 0.3260



95.4887, 0.3050, 0.3256



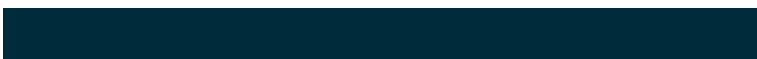
85.1985, 0.3059, 0.3205



18.5981, 0.3039, 0.3252



21.1548, 0.1997, 0.2390



2.0285, 0.2032, 0.2516

Inverse Universe

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



85.4679, 0.3151, 0.3210



91.9138, 0.3154, 0.3201



89.9330, 0.3195, 0.3374



17.8074, 0.3157, 0.3188



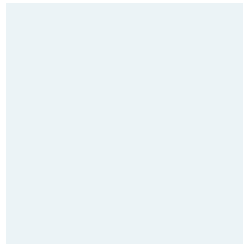
12.2350, 0.4034, 0.1996



1.0924, 0.3906, 0.1926

Previews

White Background



This preview shows how the Yxy color 88.4172, 0.3058, 0.3260 looks on a white background.

Color Contrast Check

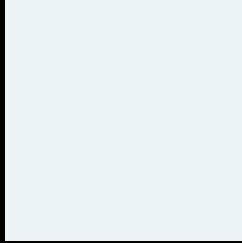
Large Text (above 18pt) WCAG AA × Fail

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 88.4172, 0.3058, 0.3260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

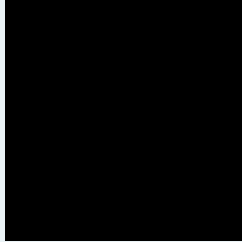
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

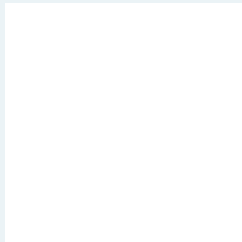
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.4172, 0.3058, 0.3260

Background



This preview shows how black text looks on a background with the Yxy color 88.4172, 0.3058, 0.3260.

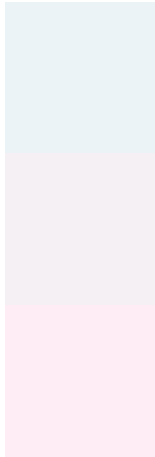


This preview shows how white text looks on a background with the Yxy color 88.4172, 0.3058, 0.3260.

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

88.4172, 0.3058, 0.3260

Protanopia

88.2643, 0.3136, 0.3250

Deuteranopia

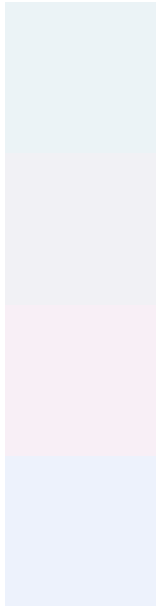
88.4822, 0.3191, 0.3203



Tritanopia

88.3077, 0.3025, 0.3151

Trichromacy



Original Color

88.4172, 0.3058, 0.3260

Protanomaly

88.2039, 0.3103, 0.3250

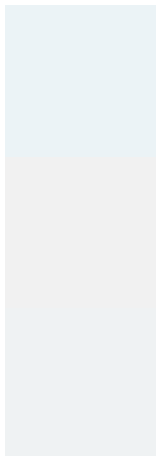
Deuteranomaly

88.3433, 0.3144, 0.3221

Tritanomaly

88.5371, 0.3036, 0.3190

Monochromacy



Original Color

88.4172, 0.3058, 0.3260

Achromatopsia

87.9622, 0.3127, 0.3290

Achromatomaly

88.3260, 0.3102, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.4172, 0.3058, 0.3260 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, 243, 246)` looks like.

```
.text, #text, p{  
    color:rgb(235, 243, 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, 243, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 243, 246) }
```

Border

The CSS property to change the border of an element to Yxy 88.4172, 0.3058, 0.3260 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, 243, 246) }
```

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

```
.border{ border-color:rgb(235, 243, 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, 243, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 243, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 243, 246);  
box-shadow:4px 4px 4px 4px rgb(235, 243,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 88.4172, 0.3058, 0.3260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 243, 246) }
```

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

```
.background{ background-color: rgb(235,  
243, 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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