

Converting Colors

Yxy(86.4465, 0.3076, 0.3222)

Have a look what the booklet for
Yxy(86.4465, 0.3076, 0.3222)
contains.

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Color

Yxy(86.3913, 0.3072, 0.3220)

Conversions

Conversions Part 1

Format	Color
Hex	EDEFF6
RGB	237, 239, 246
RGB Percent	93%, 94%, 96%
CMY	0.0706, 0.0627, 0.0355
CMYK	0.04, 0.03, 0.00, 0.04
HSL	227°, 33%, 95%
HSV	227°, 4%, 96%
XYZ	82.4205, 86.3913, 99.4841
YIQ	239.2000, -3.4390, 1.7530

Conversions

Conversions Part 2

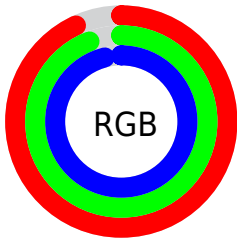
Format	Color
R _Y B	237, 239, 246
Decimal	15593462
CIE Lab	94.48, 0.60, -3.59
CIE LCh	94, 3.639, 279.412
Yxy	86.3913, 0.3072, 0.3220
Android (android.graphics.Color)	4293783542 (0xFFEDEF6)
YUV	239.2000, 3.3524, -1.9294
Hunter-Lab	92.9469, -4.3725, 1.6028

Details

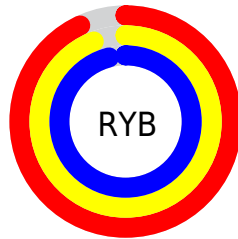
The Yxy color **86.3913, 0.3072, 0.3220** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **90.3698, 0.3182, 0.3359**, and the grayscale version is **86.4564, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.4084, 0.3056, 0.3200** is the 20% darker color. If you saturate the color by 10%, you get **71.8592, 0.2910, 0.3011**, and if you desaturate by 10%, it is **99.4312, 0.3180, 0.3377**.

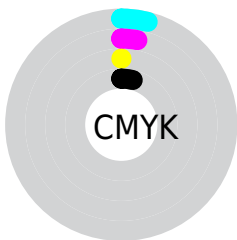
Distribution



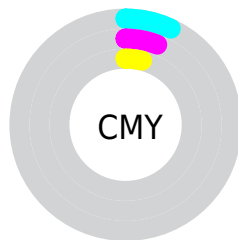
- Red (93%)
- Green (94%)
- Blue (96%)



- Red (93%)
- Yellow (94%)
- Blue (96%)



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



- Cyan (7%)
- Magenta (6%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 86.3913, 0.3072, 0.3220 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 86.3913, 0.3072, 0.3220 by changing the saturation by 10% instead.

86.3913, 0.3072,
0.3220

86.3913, 0.3072,
0.3220

516.2206, 0.3097,
0.3251

64.9916, 0.3067,
0.3213

142.3154, 0.3080,
0.3231

47.4543, 0.3060,
0.3205

177.6086, 0.3084,
0.3235

33.3949, 0.3051,
0.3194

218.3018, 0.3087,
0.3239

22.4291, 0.3041,
0.3180

264.7792, 0.3089,
0.3242

14.1726, 0.3026,
0.3162

317.4255, 0.3091,
0.3245

8.2408, 0.3006,
0.3137

376.6249, 0.3093,

4.2494, 0.2977,

0.3247

0.3100

442.7618, 0.3095,
0.3249

■ 1.8140, 0.2928,
0.3039

■ 0.4959, 0.2741,
0.2797

■ 86.3913, 0.3072,
0.3220

■ 86.3913, 0.3072,
0.3220

■ 71.8592, 0.2910,
0.3011

■ 99.4312, 0.3180,
0.3377

■ 59.0233, 0.2735,
0.2775

■ 47.8241, 0.2549,
0.2516

■ 38.1940, 0.2356,
0.2235

■ 30.0610, 0.2164,
0.1943

■ 23.3471, 0.1982,
0.1649

■ 17.9665, 0.1821,
0.1369

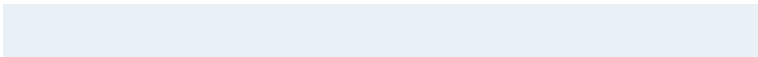
■ 13.8238, 0.1691,
0.1120

■ 10.8087, 0.1600,
0.0917

Harmonies

Analogous

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



86.3913, 0.3050, 0.3235



86.3913, 0.3072, 0.3220



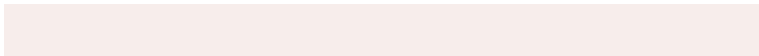
86.3913, 0.3109, 0.3224

Triad

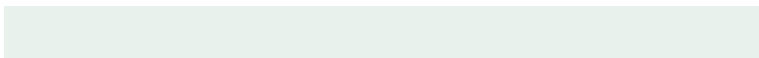
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.3913, 0.3072, 0.3220



86.3913, 0.3206, 0.3314



86.3913, 0.3104, 0.3336

Complementary

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



86.3913, 0.3072, 0.3220



90.3698, 0.3182, 0.3359

Split Complementary

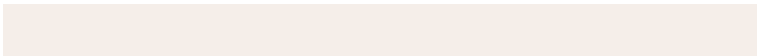
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.3913, 0.3145, 0.3358



86.3913, 0.3072, 0.3220



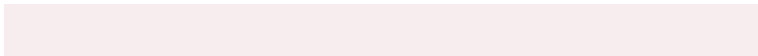
86.3913, 0.3205, 0.3345

Square

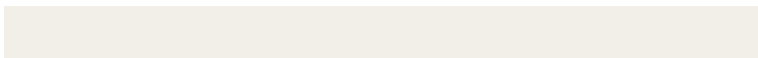
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



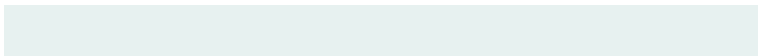
86.3913, 0.3072, 0.3220



86.3913, 0.3186, 0.3278



86.3913, 0.3183, 0.3361



86.3913, 0.3068, 0.3302

Rectangle

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



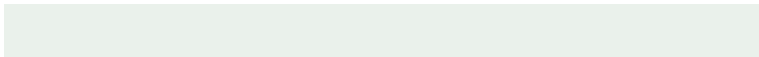
86.3913, 0.3072, 0.3220



86.3913, 0.3137, 0.3236



86.3913, 0.3183, 0.3361



86.3913, 0.3117, 0.3345

Sweetspot

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



86.3950, 0.3072, 0.3220



98.2640, 0.3112, 0.3271



90.4138, 0.3082, 0.3311



21.0509, 0.3113, 0.3272



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.



86.3950, 0.3072, 0.3220



93.1719, 0.3066, 0.3213



85.6390, 0.3088, 0.3200



18.0225, 0.3055, 0.3198



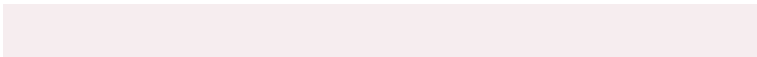
5.1903, 0.1566, 0.0838



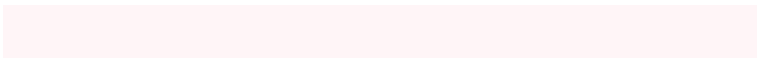
0.6040, 0.1628, 0.1062

Inverse Universe

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



86.3869, 0.3174, 0.3270



93.1647, 0.3179, 0.3268



91.1560, 0.3165, 0.3379



18.0220, 0.3189, 0.3264



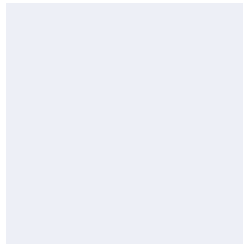
10.6233, 0.6009, 0.3084



0.9486, 0.5666, 0.2895

Previews

White Background



This preview shows how the Yxy color 86.3913, 0.3072, 0.3220 looks on a white background.

Color Contrast Check

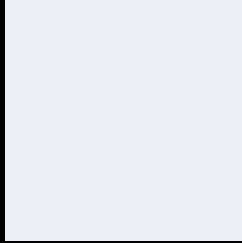
Large Text (above 18pt) WCAG AA × Fail

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 86.3913, 0.3072, 0.3220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

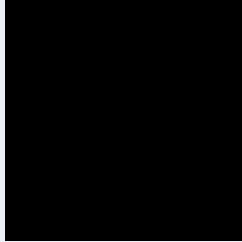
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

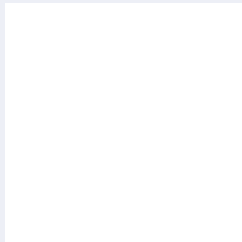
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 86.3913, 0.3072, 0.3220

Background



This preview shows how black text looks on a background with the Yxy color 86.3913, 0.3072, 0.3220.

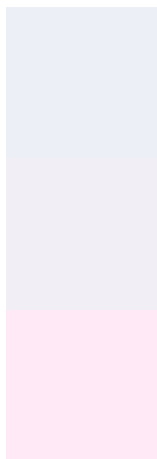


This preview shows how white text looks on a background with the Yxy color 86.3913, 0.3072, 0.3220.

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

86.3913, 0.3072, 0.3220

Protanopia

86.4424, 0.3104, 0.3220

Deuteranopia

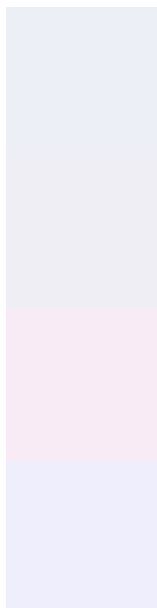
86.1916, 0.3194, 0.3164



Tritanopia

86.7198, 0.3031, 0.3121

Trichromacy



Original Color

86.3913, 0.3072, 0.3220

Protanomaly

86.2669, 0.3098, 0.3220

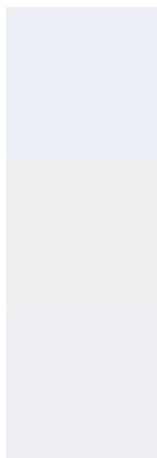
Deuteranomaly

86.0269, 0.3146, 0.3182

Tritanomaly

86.3545, 0.3043, 0.3150

Monochromacy



Original Color

86.3913, 0.3072, 0.3220

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 86.3913, 0.3072, 0.3220 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(237, 239, 246)` looks like.

```
.text, #text, p{  
    color:rgb(237, 239, 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(237, 239, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 239, 246) }
```

Border

The CSS property to change the border of an element to Yxy 86.3913, 0.3072, 0.3220 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(237, 239, 246) }
```

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

```
.border{ border-color:rgb(237, 239, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 239, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 239, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 239, 246);  
box-shadow:4px 4px 4px 4px rgb(237, 239,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 86.3913, 0.3072, 0.3220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 239, 246) }
```

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

```
.background{ background-color: rgb(237,  
239, 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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