

Converting Colors

Yxy(88.6508, 0.3087, 0.3213)

Have a look what the booklet for
Yxy(88.6508, 0.3087, 0.3213)
contains.

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Color

Yxy(88.6274, 0.3086, 0.3211)

Conversions

Conversions Part 1

Format	Color
Hex	F2F1F9
RGB	242, 241, 249
RGB Percent	95%, 95%, 98%
CMY	0.0508, 0.0549, 0.0237
CMYK	0.03, 0.03, 0.00, 0.02
HSL	248°, 40%, 96%
HSV	248°, 3%, 98%
XYZ	85.1773, 88.6274, 102.2072
YIQ	242.2110, -1.9720, 2.7000

Conversions

Conversions Part 2

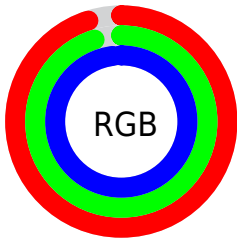
Format	Color
R_{YB}	242, 241, 249
Decimal	15921657
CIE _{Lab}	95.42, 1.78, -3.71
CIE _{LCh}	95, 4.119, 295.590
Yxy	88.6274, 0.3086, 0.3211
Android (android.graphics.Color)	4294111737 (0xFFFF2F1F9)
YUV	242.2110, 3.3470, -0.1850
Hunter-Lab	94.1421, -3.2467, 1.5302

Details

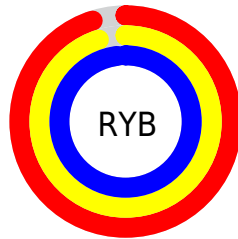
The Yxy color **88.6274, 0.3086, 0.3211** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **94.0198, 0.3168, 0.3368**, and the grayscale version is **88.9481, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.9873, 0.3074, 0.3189** is the 20% darker color. If you saturate the color by 10%, you get **71.2804, 0.2945, 0.2943**, and if you desaturate by 10%, it is **99.6172, 0.3162, 0.3348**.

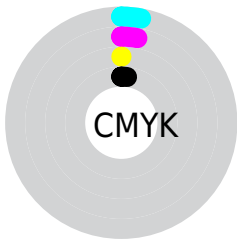
Distribution



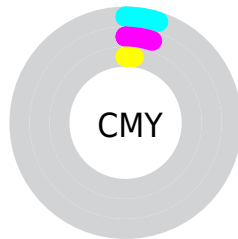
- Red (95%)
- Green (95%)
- Blue (98%)



- Red (95%)
- Yellow (95%)
- Blue (98%)



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



- Cyan (5%)
- Magenta (5%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 88.6274, 0.3086, 0.3211 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 88.6274, 0.3086, 0.3211 by changing the saturation by 10% instead.

88.6274, 0.3086,
0.3211

88.6274, 0.3086,
0.3211

523.5557, 0.3104,
0.3246

66.8428, 0.3082,
0.3203

145.4303, 0.3092,
0.3223

48.9569, 0.3077,
0.3194

181.2174, 0.3095,
0.3228

34.5853, 0.3071,
0.3182

222.4408, 0.3097,
0.3232

23.3436, 0.3063,
0.3167

269.4848, 0.3099,
0.3235

14.8474, 0.3052,
0.3147

322.7339, 0.3100,
0.3239

8.7124, 0.3038,
0.3120

382.5725, 0.3102,

4.5540, 0.3016,

0.3241

0.3080

449.3850, 0.3103,
0.3244

■ 1.9881, 0.2980,
0.3015

■ 0.6005, 0.2886,
0.2822

■ 88.6274, 0.3086,
0.3211

■ 88.6274, 0.3086,
0.3211

■ 71.2804, 0.2945,
0.2943

■ 99.6172, 0.3162,
0.3348

■ 56.2997, 0.2784,
0.2644

■ 43.5858, 0.2604,
0.2319

■ 33.0277, 0.2410,
0.1976

■ 24.5053, 0.2210,
0.1631

■ 17.8863, 0.2013,
0.1305

■ 13.0229, 0.1836,
0.1023

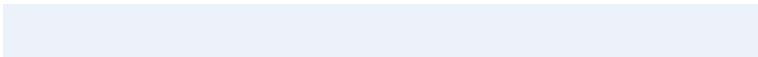
■ 9.7451, 0.1690,
0.0809

■ 7.8483, 0.1587,
0.0674

Harmonies

Analogous

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



88.6274, 0.3051, 0.3217



88.6274, 0.3086, 0.3211



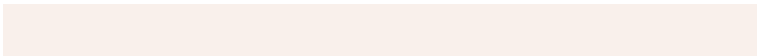
88.6274, 0.3132, 0.3226

Triad

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



88.6274, 0.3086, 0.3211



88.6274, 0.3218, 0.3337



88.6274, 0.3078, 0.3323

Complementary

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



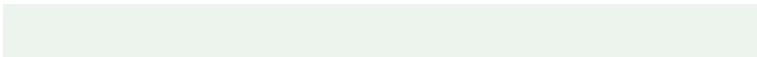
88.6274, 0.3086, 0.3211



94.0198, 0.3168, 0.3368

Split Complementary

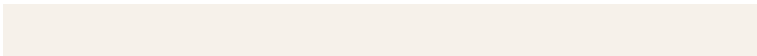
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.6274, 0.3122, 0.3356



88.6274, 0.3086, 0.3211



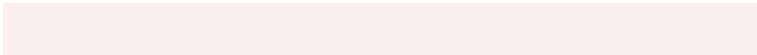
88.6274, 0.3204, 0.3364

Square

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



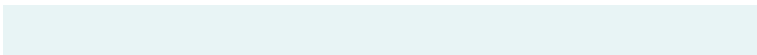
88.6274, 0.3086, 0.3211



88.6274, 0.3209, 0.3299



88.6274, 0.3168, 0.3371



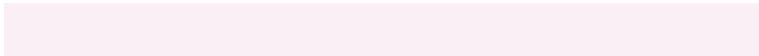
88.6274, 0.3047, 0.3281

Rectangle

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



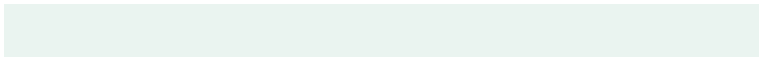
88.6274, 0.3086, 0.3211



88.6274, 0.3163, 0.3246



88.6274, 0.3168, 0.3371



88.6274, 0.3092, 0.3335

Sweetspot

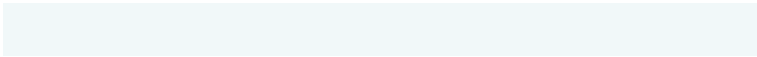
The Sweet Spot groups the original color and five complimentary colors.



88.6312, 0.3086, 0.3211



97.9659, 0.3114, 0.3266



92.6923, 0.3077, 0.3281



20.9902, 0.3115, 0.3267



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.



88.6312, 0.3086, 0.3211



92.0214, 0.3075, 0.3191



89.3229, 0.3111, 0.3212



18.5612, 0.3065, 0.3172



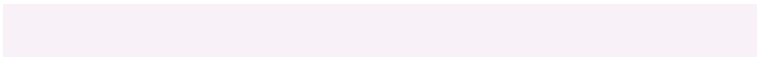
3.8643, 0.1549, 0.0627



0.3908, 0.1632, 0.0673

Inverse Universe

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



89.8143, 0.3137, 0.3222



93.5781, 0.3140, 0.3205



93.3205, 0.3143, 0.3369



18.9377, 0.3142, 0.3189



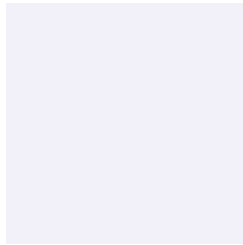
13.4599, 0.3571, 0.1741



1.2572, 0.3521, 0.1713

Previews

White Background



This preview shows how the Yxy color 88.6274, 0.3086, 0.3211 looks on a white background.

Color Contrast Check

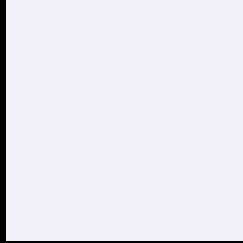
Large Text (above 18pt) WCAG AA × Fail

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 88.6274, 0.3086, 0.3211 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

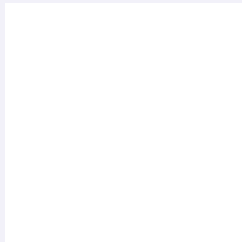
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.6274, 0.3086, 0.3211

Background



This preview shows how black text looks on a background with the Yxy color 88.6274, 0.3086, 0.3211.

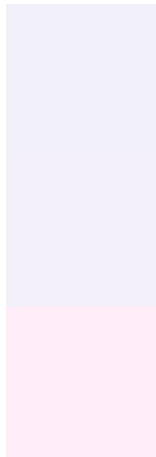


This preview shows how white text looks on a background with the Yxy color 88.6274, 0.3086, 0.3211.

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

88.6274, 0.3086, 0.3211

Protanopia

88.3928, 0.3099, 0.3201

Deuteranopia

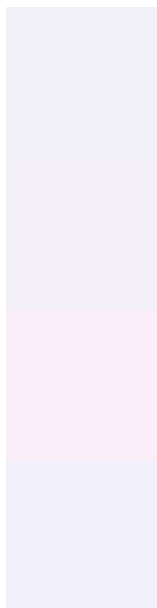
88.6057, 0.3179, 0.3184



Tritanopia

88.5949, 0.3056, 0.3142

Trichromacy



Original Color

88.6274, 0.3086, 0.3211

Protanomaly

88.2144, 0.3092, 0.3201

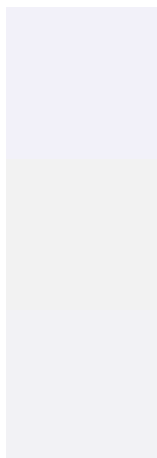
Deuteranomaly

88.2504, 0.3145, 0.3192

Tritanomaly

88.4667, 0.3068, 0.3162

Monochromacy



Original Color

88.6274, 0.3086, 0.3211

Achromatopsia

88.7923, 0.3127, 0.3290

Achromatomaly

88.9741, 0.3109, 0.3260

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.6274, 0.3086, 0.3211 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(242, 241, 249)` looks like.

```
.text, #text, p{  
    color:rgb(242, 241, 249)  
}
```

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(242, 241, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 241, 249) }
```

Border

The CSS property to change the border of an element to Yxy 88.6274, 0.3086, 0.3211 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(242, 241, 249) }
```

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

```
.border{ border-color:rgb(242, 241, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 241, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 241, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 241, 249);  
box-shadow:4px 4px 4px 4px rgb(242, 241,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 88.6274, 0.3086, 0.3211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 241, 249) }
```

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

```
.background{ background-color: rgb(242,  
241, 249) }
```

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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