

Converting Colors

Yxy(88.3429, 0.3087, 0.3162)

Have a look what the booklet for
Yxy(88.3429, 0.3087, 0.3162)
contains.

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Color

Yxy(88.1738, 0.3088, 0.3162)

Conversions

Conversions Part 1

Format	Color
Hex	F5EFFC
RGB	245, 239, 252
RGB Percent	96%, 94%, 99%
CMY	0.0389, 0.0628, 0.0118
CMYK	0.03, 0.05, 0.00, 0.01
HSL	268°, 68%, 96%
HSV	268°, 5%, 99%
XYZ	86.1103, 88.1738, 104.5704
YIQ	242.2760, -0.5970, 5.3150

Conversions

Conversions Part 2

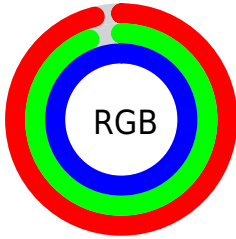
Format	Color
R _Y B	245, 239, 252
Decimal	16117756
CIE Lab	95.23, 4.35, -5.54
CIE LCh	95, 7.047, 308.157
Yxy	88.1738, 0.3088, 0.3162
Android (android.graphics.Color)	4294307836 (0xFF5E5E)
YUV	242.2760, 4.7939, 2.3889
Hunter-Lab	93.9009, -0.6361, -0.2962

Details

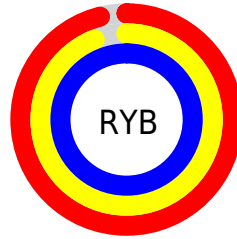
The Yxy color **88.1738, 0.3088, 0.3162** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **95.4251, 0.3165, 0.3418**, and the grayscale version is **88.9938, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.6259, 0.3084, 0.3139** is the 20% darker color. If you saturate the color by 10%, you get **72.1114, 0.3002, 0.2897**, and if you desaturate by 10%, it is **99.8079, 0.3144, 0.3319**.

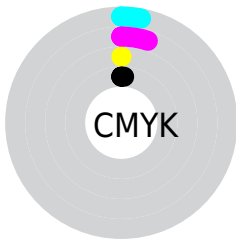
Distribution



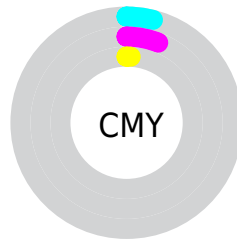
- Red (96%)
- Green (94%)
- Blue (99%)



- Red (96%)
- Yellow (94%)
- Blue (99%)



- Cyan (3%)
- Magenta (5%)
- Yellow (0%)
- Black (1%)




- Cyan (4%)
- Magenta (6%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.1738, 0.3088, 0.3162 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 88.1738, 0.3088, 0.3162 by changing the saturation by 10% instead.


 88.1738, 0.3088,
0.3162

 88.1738, 0.3088,
0.3162

522.0722, 0.3106,
0.3219

 66.4670, 0.3084,
0.3150

144.7991, 0.3094,
0.3181

 48.6516, 0.3079,
0.3134

180.4864, 0.3096,
0.3189

 34.3432, 0.3073,
0.3116


221.6027, 0.3099,
0.3196

 23.1574, 0.3065,
0.3092

268.5323, 0.3100,
0.3201

 14.7098, 0.3055,
0.3060

321.6597, 0.3102,
0.3206

 8.6159, 0.3040,
0.3017

381.3692, 0.3103,

 4.4915, 0.3019,

0.3211

0.2953

448.0452, 0.3105,
0.3215

■ 1.9521, 0.2982,
0.2852

■ 0.5794, 0.2913,
0.2569

■ 88.1738, 0.3088,
0.3162

■ 88.1738, 0.3088,
0.3162

■ 72.1114, 0.3002,
0.2897

99.8079, 0.3144,
0.3319

■ 58.1887, 0.2903,
0.2612

■ 46.3152, 0.2790,
0.2313

■ 36.3896, 0.2664,
0.2008

■ 28.3013, 0.2528,
0.1710

■ 21.9285, 0.2387,
0.1435

■ 17.1342, 0.2247,
0.1199

■ 13.7589, 0.2114,
0.1014

■ 11.6071, 0.1995,
0.0889

Harmonies

Analogous

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



88.1738, 0.3019, 0.3156



88.1738, 0.3088, 0.3162



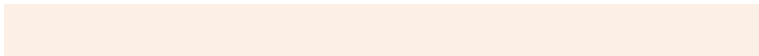
88.1738, 0.3169, 0.3201

Triad

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



88.1738, 0.3088, 0.3162



88.1738, 0.3278, 0.3393



88.1738, 0.3016, 0.3316

Complementary

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



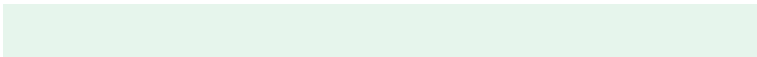
88.1738, 0.3088, 0.3162



95.4251, 0.3165, 0.3418

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.



88.1738, 0.3085, 0.3382



88.1738, 0.3088, 0.3162



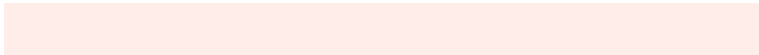
88.1738, 0.3236, 0.3426

Square

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



88.1738, 0.3088, 0.3162



88.1738, 0.3279, 0.3333



88.1738, 0.3165, 0.3422



88.1738, 0.2978, 0.3244

Rectangle

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



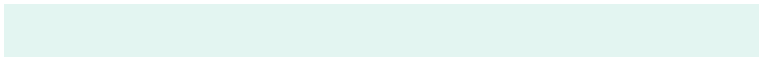
88.1738, 0.3088, 0.3162



88.1738, 0.3218, 0.3241



88.1738, 0.3165, 0.3422



88.1738, 0.3037, 0.3340

Sweetspot

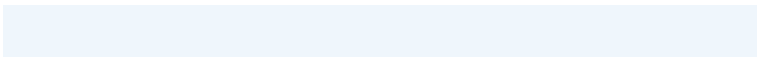
The Sweet Spot groups the original color and five complimentary colors.



88.1776, 0.3088, 0.3162



96.2779, 0.3112, 0.3241



91.2413, 0.3048, 0.3230



20.6464, 0.3113, 0.3244



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.



88.1776, 0.3088, 0.3162



89.1117, 0.3081, 0.3141



89.3660, 0.3130, 0.3164



18.0313, 0.3076, 0.3124



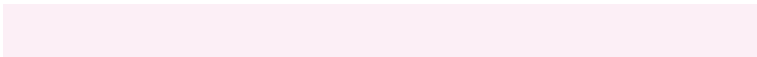
5.7486, 0.1961, 0.0854



0.5949, 0.2091, 0.0926

Inverse Universe

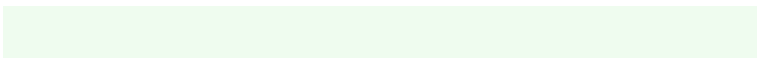
The Inverse Universe completely reimagines the original color for something new.



89.0672, 0.3170, 0.3223



90.1713, 0.3178, 0.3211



94.2724, 0.3124, 0.3419



18.2710, 0.3184, 0.3203



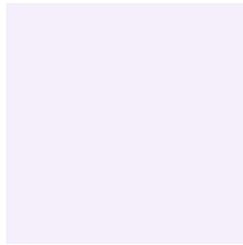
11.7091, 0.4826, 0.2432



1.1059, 0.4579, 0.2296

Previews

White Background



This preview shows how the Yxy color 88.1738, 0.3088, 0.3162 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 88.1738, 0.3088, 0.3162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

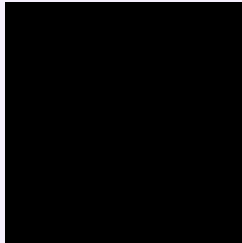
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

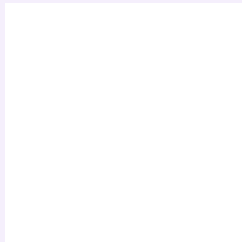
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.1738, 0.3088, 0.3162

Background



This preview shows how black text looks on a background with the Yxy color 88.1738, 0.3088, 0.3162.

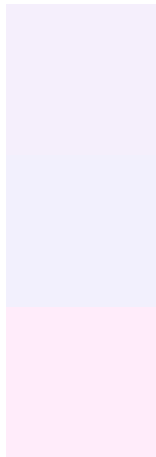


This preview shows how white text looks on a background with the Yxy color 88.1738, 0.3088, 0.3162.

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

88.1738, 0.3088, 0.3162

Protanopia

88.2893, 0.3062, 0.3162

Deuteranopia

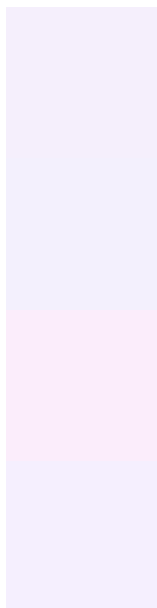
88.1530, 0.3167, 0.3155



Tritanopia

88.3655, 0.3070, 0.3133

Trichromacy



Original Color

88.1738, 0.3088, 0.3162

Protanomaly

88.4667, 0.3068, 0.3162

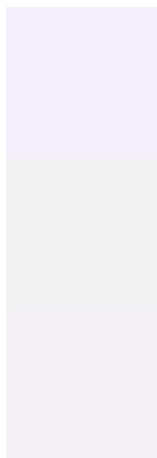
Deuteranomaly

88.0426, 0.3134, 0.3154

Tritanomaly

88.3012, 0.3076, 0.3143

Monochromacy



Original Color

88.1738, 0.3088, 0.3162

Achromatopsia

88.7923, 0.3127, 0.3290

Achromatomaly

88.6191, 0.3110, 0.3240

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.1738, 0.3088, 0.3162 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(245, 239, 252)` looks like.

```
.text, #text, p{  
    color:rgb(245, 239, 252)  
}
```

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(245, 239, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 239, 252) }
```

Border

The CSS property to change the border of an element to Yxy 88.1738, 0.3088, 0.3162 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(245, 239, 252) }
```

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

```
.border{ border-color:rgb(245, 239, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 239, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 239, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 239, 252);  
box-shadow:4px 4px 4px 4px rgb(245, 239,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 88.1738, 0.3088, 0.3162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 239, 252) }
```

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

```
.background{ background-color: rgb(245,  
239, 252) }
```

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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