

Converting Colors

$Y_{xy}(88.0690, 0.3164, 0.3221)$

Have a look what the booklet for
Yxy(88.0690, 0.3164, 0.3221)
contains.

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Color

Yxy(88.0656, 0.3163, 0.3221)

Conversions

Conversions Part 1

Format	Color
Hex	FAEEF5
RGB	250, 238, 245
RGB Percent	98%, 93%, 96%
CMY	0.0197, 0.0666, 0.0390
CMYK	0.00, 0.05, 0.02, 0.02
HSL	325°, 54%, 96%
HSV	325°, 5%, 98%
XYZ	86.4798, 88.0656, 98.8653
YIQ	242.3860, 4.9050, 4.7210

Conversions

Conversions Part 2

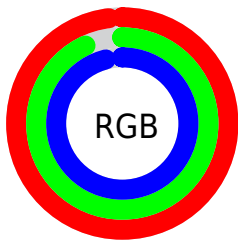
Format	Color
R _Y B	250, 238, 245
Decimal	16445173
CIE Lab	95.19, 5.24, -1.96
CIE LCh	95, 5.597, 339.460
Yxy	88.0656, 0.3163, 0.3221
Android (android.graphics.Color)	4294635253 (0xFFFAEEF5)
YUV	242.3860, 1.2887, 6.6775
Hunter-Lab	93.8433, 0.2682, 3.2274

Details

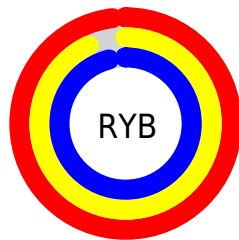
The Yxy color **88.0656, 0.3163, 0.3221** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **93.0030, 0.3093, 0.3360**, and the grayscale version is **89.1037, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.5994, 0.3174, 0.3203** is the 20% darker color. If you saturate the color by 10%, you get **73.8979, 0.3249, 0.3071**, and if you desaturate by 10%, it is **99.0598, 0.3096, 0.3290**.

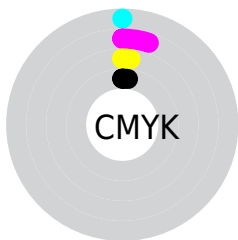
Distribution



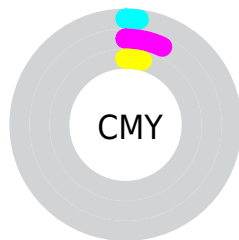
- Red (98%)
- Green (93%)
- Blue (96%)



- Red (98%)
- Yellow (93%)
- Blue (96%)



- Cyan (0%)
- Magenta (5%)
- Yellow (2%)
- Black (2%)



- Cyan (2%)
- Magenta (7%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 88.0656, 0.3163, 0.3221 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 88.0656, 0.3163, 0.3221 by changing the saturation by 10% instead.

 88.0656, 0.3163,
0.3221

 88.0656, 0.3163,
0.3221


521.7180, 0.3147,
0.3252

 66.3774, 0.3166,
0.3214


144.6485, 0.3158,
0.3231

 48.5788, 0.3171,
0.3206

180.3120, 0.3155,
0.3236

 34.2855, 0.3176,
0.3196


221.4026, 0.3154,
0.3239

 23.1130, 0.3183,
0.3183

268.3049, 0.3152,
0.3242

 14.6770, 0.3192,
0.3166

321.4032, 0.3151,
0.3245

 8.5930, 0.3204,
0.3142

381.0819, 0.3149,

 4.4767, 0.3222,

0.3248

0.3107

447.7254, 0.3148,
0.3250

■ 1.9436, 0.3252,
0.3050

■ 0.5744, 0.3351,
0.2856

■ 88.0656, 0.3163,
0.3221

■ 88.0656, 0.3163,
0.3221

■ 73.8979, 0.3249,
0.3071

■ 99.0598, 0.3096,
0.3290

■ 61.6990, 0.3351,
0.2915

■ 51.3837, 0.3472,
0.2758

■ 42.8559, 0.3612,
0.2606

■ 36.0113, 0.3771,
0.2469

■ 30.7344, 0.3948,
0.2357

■ 26.8951, 0.4138,
0.2283

■ 24.3421, 0.4332,
0.2258

■ 22.8895, 0.4523,
0.2287

Harmonies

Analogous

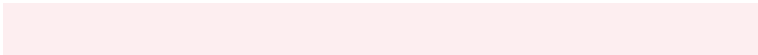
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.0656, 0.3099, 0.3189



88.0656, 0.3163, 0.3221



88.0656, 0.3218, 0.3271

Triad

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



88.0656, 0.3163, 0.3221



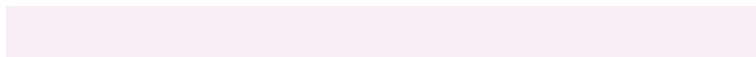
88.0656, 0.3212, 0.3399



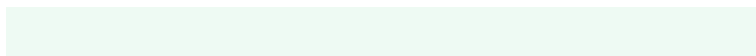
88.0656, 0.3008, 0.3251

Complementary

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



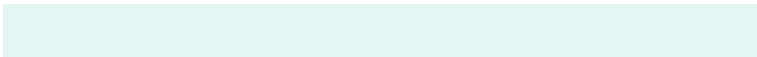
88.0656, 0.3163, 0.3221



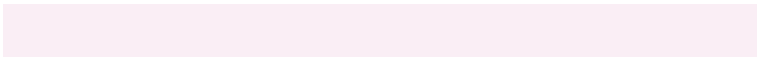
93.0030, 0.3093, 0.3360

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.



88.0656, 0.3037, 0.3308



88.0656, 0.3163, 0.3221



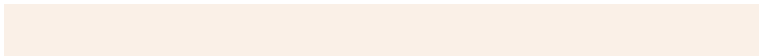
88.0656, 0.3155, 0.3394

Square

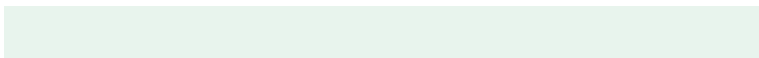
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



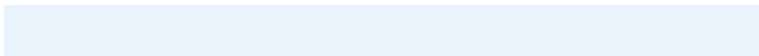
88.0656, 0.3163, 0.3221



88.0656, 0.3246, 0.3374



88.0656, 0.3091, 0.3361



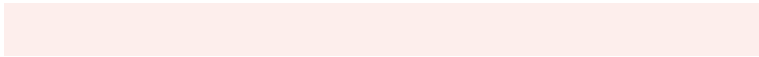
88.0656, 0.3010, 0.3206

Rectangle

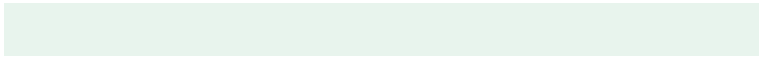
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



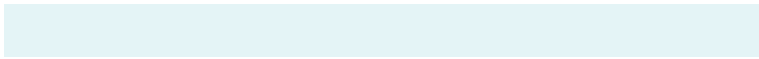
88.0656, 0.3163, 0.3221



88.0656, 0.3242, 0.3309



88.0656, 0.3091, 0.3361



88.0656, 0.3014, 0.3270

Sweetspot

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



88.0694, 0.3163, 0.3221



98.3164, 0.3134, 0.3276



87.0731, 0.3086, 0.3171



21.0615, 0.3134, 0.3276



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

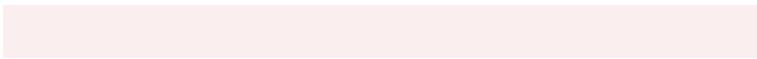
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.0694, 0.3163, 0.3221



90.2246, 0.3173, 0.3203



87.7179, 0.3199, 0.3278



18.2830, 0.3178, 0.3194



11.9285, 0.4591, 0.2303



1.1259, 0.4380, 0.2187

Inverse Universe

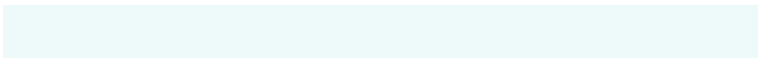
The Inverse Universe completely reimagines the original color for something new.



88.0694, 0.3163, 0.3221



90.2246, 0.3173, 0.3203



93.3617, 0.3059, 0.3302



18.2830, 0.3178, 0.3194



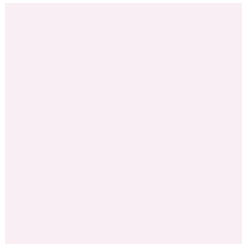
11.9285, 0.4591, 0.2303



1.1259, 0.4380, 0.2187

Previews

White Background



This preview shows how the Yxy color 88.0656, 0.3163, 0.3221 looks on a white background.

Color Contrast Check

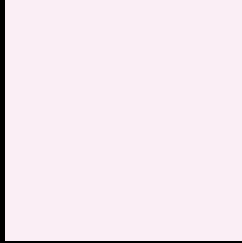
Large Text (above 18pt) WCAG AA × Fail

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 88.0656, 0.3163, 0.3221 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 88.0656, 0.3163, 0.3221

Background



This preview shows how black text looks on a background with the Yxy color 88.0656, 0.3163, 0.3221.

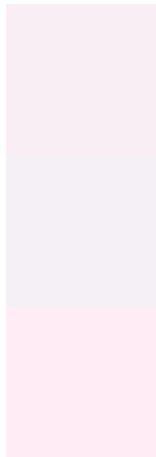


This preview shows how white text looks on a background with the Yxy color 88.0656, 0.3163, 0.3221.

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

88.0656, 0.3163, 0.3221

Protanopia

88.2071, 0.3117, 0.3231

Deuteranopia

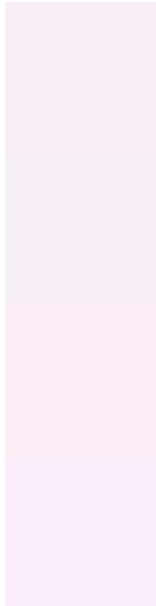
87.7826, 0.3204, 0.3212



Tritanopia

87.7201, 0.3109, 0.3106

Trichromacy



Original Color

88.0656, 0.3163, 0.3221

Protanomaly

87.9797, 0.3130, 0.3221

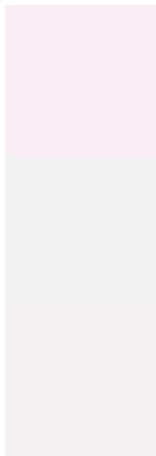
Deuteranomaly

87.9827, 0.3190, 0.3222

Tritanomaly

88.0426, 0.3134, 0.3154

Monochromacy



Original Color

88.0656, 0.3163, 0.3221

Achromatopsia

88.7923, 0.3127, 0.3290

Achromatomaly

88.7941, 0.3141, 0.3270

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.0656, 0.3163, 0.3221 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(250, 238, 245)` looks like.

```
.text, #text, p{  
    color:rgb(250, 238, 245)  
}
```

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(250, 238, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 238, 245) }
```

Border

The CSS property to change the border of an element to Yxy 88.0656, 0.3163, 0.3221 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(250, 238, 245) }
```

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

```
.border{ border-color:rgb(250, 238, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 238, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 238, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 238, 245);  
box-shadow:4px 4px 4px 4px rgb(250, 238,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 88.0656, 0.3163, 0.3221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 238, 245) }
```

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

```
.background{ background-color: rgb(250,  
238, 245) }
```

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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