

Converting Colors

$Yxy(86.1097, 0.3090, 0.3200)$

Have a look what the booklet for
Yxy(86.1097, 0.3090, 0.3200)
contains.

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Color

Yxy(86.3897, 0.3085, 0.3200)

Conversions

Conversions Part 1

Format	Color
Hex	F0EEF7
RGB	240, 238, 247
RGB Percent	94%, 93%, 97%
CMY	0.0590, 0.0666, 0.0313
CMYK	0.03, 0.04, 0.00, 0.03
HSL	253°, 36%, 95%
HSV	253°, 4%, 97%
XYZ	83.2851, 86.3897, 100.2930
YIQ	239.6240, -1.6970, 3.2230

Conversions

Conversions Part 2

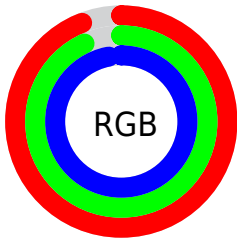
Format	Color
R _Y B	240, 238, 247
Decimal	15789815
CIE Lab	94.48, 2.26, -4.12
CIE LCh	94, 4.695, 298.767
Yxy	86.3897, 0.3085, 0.3200
Android (android.graphics.Color)	4293979895 (0xFFFF0EEF7)
YUV	239.6240, 3.6364, 0.3298
Hunter-Lab	92.9461, -2.7092, 1.0856

Details

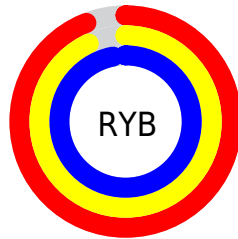
The Yxy color $86.3897, 0.3085, 0.3200$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $92.1357, 0.3168, 0.3379$, and the grayscale version is $86.7974, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $47.4078, 0.3074, 0.3175$ is the 20% darker color. If you saturate the color by 10%, you get $69.7623, 0.2957, 0.2933$, and if you desaturate by 10%, it is $99.4964, 0.3173, 0.3366$.

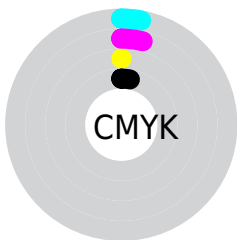
Distribution



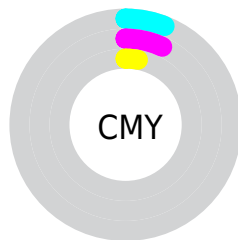
- Red (94%)
- Green (93%)
- Blue (97%)



- Red (94%)
- Yellow (93%)
- Blue (97%)



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





- Cyan (6%)
- Magenta (7%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 86.3897, 0.3085, 0.3200 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 86.3897, 0.3085, 0.3200 by changing the saturation by 10% instead.


 86.3897, 0.3085,
0.3200

 86.3897, 0.3085,
0.3200

516.2153, 0.3104,
0.3240

 64.9903, 0.3081,
0.3191


142.3132, 0.3092,
0.3214

 47.4532, 0.3076,
0.3180


177.6060, 0.3094,
0.3219

 33.3941, 0.3069,
0.3167


218.2988, 0.3096,
0.3224

 22.4285, 0.3061,
0.3150

264.7759, 0.3098,
0.3228

 14.1721, 0.3050,
0.3127

317.4217, 0.3100,
0.3232

 8.2405, 0.3034,
0.3095

376.6206, 0.3101,

 4.2492, 0.3011,

0.3235

0.3048

442.7570, 0.3103,
0.3238

■ 1.8139, 0.2972,
0.2971

■ 0.4958, 0.2846,
0.2680

■ 86.3897, 0.3085,
0.3200

■ 86.3897, 0.3085,
0.3200

■ 69.7623, 0.2957,
0.2933

■ 99.4964, 0.3173,
0.3366

■ 55.3773, 0.2811,
0.2637

■ 43.1413, 0.2646,
0.2318

■ 32.9498, 0.2468,
0.1983

■ 24.6895, 0.2280,
0.1648

■ 18.2359, 0.2093,
0.1332

■ 13.4497, 0.1918,
0.1058

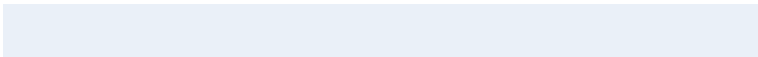
■ 10.1707, 0.1768,
0.0846

■ 8.2054, 0.1652,
0.0708

Harmonies

Analogous

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



86.3897, 0.3043, 0.3204



86.3897, 0.3085, 0.3200



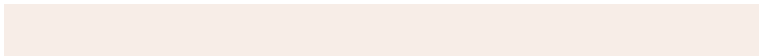
86.3897, 0.3138, 0.3220

Triad

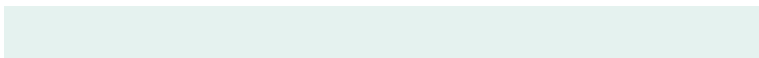
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.3897, 0.3085, 0.3200



86.3897, 0.3232, 0.3348



86.3897, 0.3066, 0.3323

Complementary

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



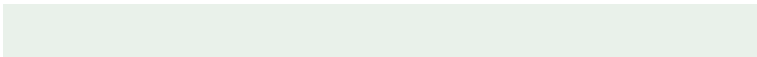
86.3897, 0.3085, 0.3200



92.1357, 0.3168, 0.3379

Split Complementary

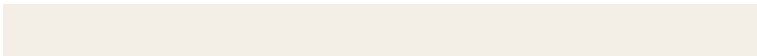
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.3897, 0.3116, 0.3362



86.3897, 0.3085, 0.3200



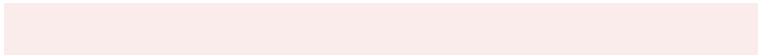
86.3897, 0.3212, 0.3377

Square

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



86.3897, 0.3085, 0.3200



86.3897, 0.3223, 0.3305



86.3897, 0.3169, 0.3382



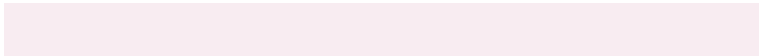
86.3897, 0.3032, 0.3274

Rectangle

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



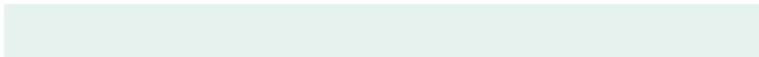
86.3897, 0.3085, 0.3200



86.3897, 0.3173, 0.3244



86.3897, 0.3169, 0.3382



86.3897, 0.3081, 0.3337

Sweetspot

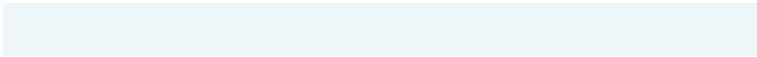
The Sweet Spot groups the original color and five complimentary colors.



86.3934, 0.3085, 0.3200



98.0054, 0.3116, 0.3266



90.3339, 0.3071, 0.3272



20.9982, 0.3116, 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.



86.3934, 0.3085, 0.3200



92.1740, 0.3081, 0.3191



87.1683, 0.3114, 0.3201



17.7932, 0.3072, 0.3172



3.9976, 0.1610, 0.0660



0.3941, 0.1724, 0.0723

Inverse Universe

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



87.5374, 0.3143, 0.3220



93.5244, 0.3145, 0.3213



91.3576, 0.3140, 0.3380



18.1050, 0.3148, 0.3199



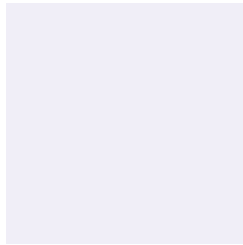
12.5458, 0.3836, 0.1887



1.1174, 0.3742, 0.1835

Previews

White Background



This preview shows how the Yxy color 86.3897, 0.3085, 0.3200 looks on a white background.

Color Contrast Check

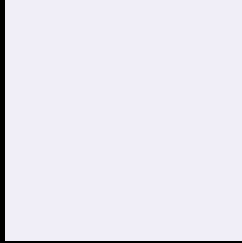
Large Text (above 18pt) WCAG AA × Fail

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 86.3897, 0.3085, 0.3200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

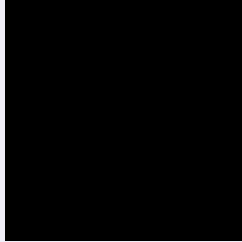
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

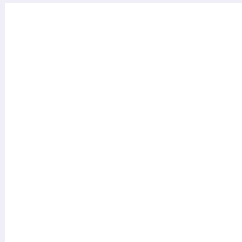
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 86.3897, 0.3085, 0.3200

Background



This preview shows how black text looks on a background with the Yxy color 86.3897, 0.3085, 0.3200.

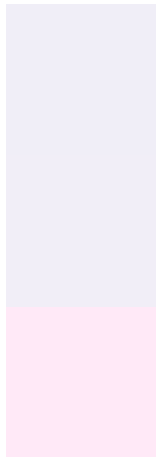


This preview shows how white text looks on a background with the Yxy color 86.3897, 0.3085, 0.3200.

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

86.3897, 0.3085, 0.3200

Protanopia

86.5652, 0.3092, 0.3200

Deuteranopia

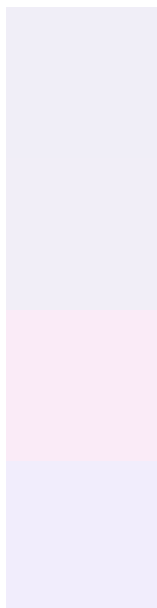
86.2532, 0.3187, 0.3154



Tritanopia

86.4891, 0.3044, 0.3112

Trichromacy



Original Color

86.3897, 0.3085, 0.3200

Protanomaly

86.5652, 0.3092, 0.3200

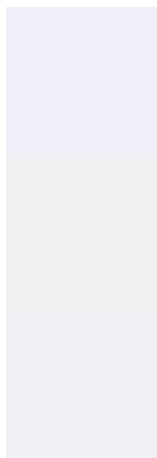
Deuteranomaly

86.4561, 0.3153, 0.3172

Tritanomaly

86.2974, 0.3062, 0.3141

Monochromacy



Original Color

86.3897, 0.3085, 0.3200

Achromatopsia

87.1367, 0.3127, 0.3290

Achromatomaly

86.7293, 0.3109, 0.3250

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.3897, 0.3085, 0.3200 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(240, 238, 247) looks like.

```
.text, #text, p{  
    color:rgb(240, 238, 247)  
}
```

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(240, 238, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 238, 247) }
```

Border

The CSS property to change the border of an element to Yxy 86.3897, 0.3085, 0.3200 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(240, 238, 247) }
```

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

```
.border{ border-color:rgb(240, 238, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 238, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 238, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 238, 247);  
box-shadow:4px 4px 4px 4px rgb(240, 238,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 86.3897, 0.3085, 0.3200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 238, 247) }
```

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

```
.background{ background-color: rgb(240,  
238, 247) }
```

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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