

Converting Colors

$Yxy(85.9688, 0.3195, 0.3238)$

Have a look what the booklet for
Yxy(85.9688, 0.3195, 0.3238)
contains.

Yxy(86.0319, 0.3197, 0.3241)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(86.0319, 0.3197, 0.3241)

Conversions

Conversions Part 1

Format	Color
Hex	FAEBF0
RGB	250, 235, 240
RGB Percent	98%, 92%, 94%
CMY	0.0195, 0.0784, 0.0589
CMYK	0.00, 0.06, 0.04, 0.02
HSL	340°, 60%, 95%
HSV	340°, 6%, 98%
XYZ	84.8639, 86.0319, 94.5528
YIQ	240.0550, 7.3350, 4.7350

Conversions

Conversions Part 2

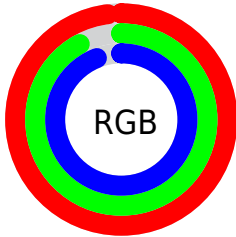
Format	Color
R _Y B	250, 235, 240
Decimal	16444400
CIE Lab	94.33, 5.92, -0.59
CIE LCh	94, 5.952, 354.283
Yxy	86.0319, 0.3197, 0.3241
Android (android.graphics.Color)	4294634480 (0xFFFAEBF0)
YUV	240.0550, -0.0271, 8.7218
Hunter-Lab	92.7534, 0.9987, 4.4871

Details

The Yxy color **86.0319, 0.3197, 0.3241** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **92.6436, 0.3062, 0.3340**, and the grayscale version is **87.1823, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.1702, 0.3217, 0.3227** is the 20% darker color. If you saturate the color by 10%, you get **71.7626, 0.3334, 0.3155**, and if you desaturate by 10%, it is **99.0683, 0.3096, 0.3290**.

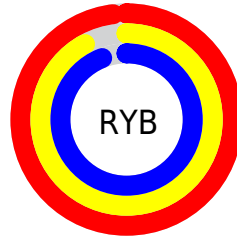
Distribution



Red (98%)

Green (92%)

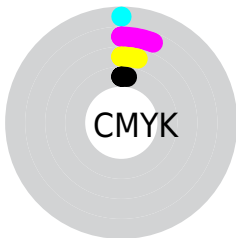
Blue (94%)



Red (98%)

Yellow (92%)

Blue (94%)

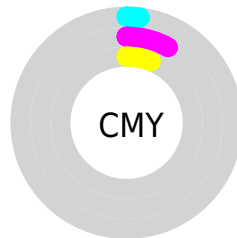


Cyan (0%)

Magenta (6%)

Yellow (4%)

Black (2%)



Cyan (2%)


Magenta (8%)


Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 86.0319, 0.3197, 0.3241 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 86.0319, 0.3197, 0.3241 by changing the saturation by 10% instead.


 86.0319, 0.3197,
0.3241

 86.0319, 0.3197,
0.3241


515.0364, 0.3166,
0.3263

 64.6944, 0.3204,
0.3236


141.8140, 0.3186,
0.3249

 47.2133, 0.3212,
0.3230


177.0273, 0.3182,
0.3251

 33.2043, 0.3223,
0.3223


217.6347, 0.3178,
0.3254

 22.2830, 0.3237,
0.3213

264.0206, 0.3175,
0.3256

 14.0650, 0.3255,
0.3201

316.5693, 0.3172,
0.3258

 8.1659, 0.3280,
0.3183

375.6652, 0.3170,

 4.2013, 0.3318,

0.3260

0.3157

441.6928, 0.3168,
0.3262

■ 1.7868, 0.3380,
0.3113

■ 0.4789, 0.3654,
0.2917

■ 86.0319, 0.3197,
0.3241

■ 86.0319, 0.3197,
0.3241

■ 71.7626, 0.3334,
0.3155

■ 99.0683, 0.3096,
0.3290

■ 59.5073, 0.3502,
0.3065

■ 49.1778, 0.3706,
0.2975

■ 40.6751, 0.3951,
0.2888

■ 33.8912, 0.4239,
0.2815

■ 28.7069, 0.4565,
0.2765

■ 24.9872, 0.4914,
0.2752

■ 22.5747, 0.5263,
0.2786

■ 21.2748, 0.5580,
0.2870

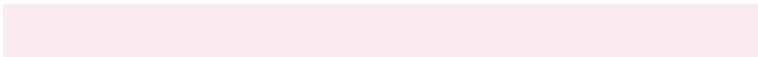
Harmonies

Analogous

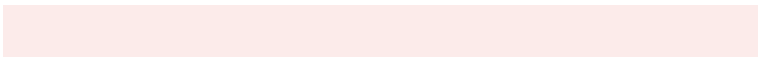
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.0319, 0.3131, 0.3196



86.0319, 0.3197, 0.3241



86.0319, 0.3245, 0.3300

Triad

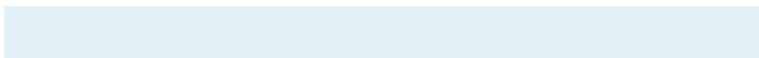
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.0319, 0.3197, 0.3241



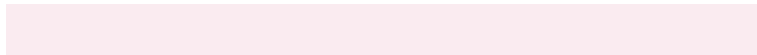
86.0319, 0.3190, 0.3408



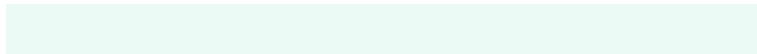
86.0319, 0.2996, 0.3222

Complementary

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



86.0319, 0.3197, 0.3241



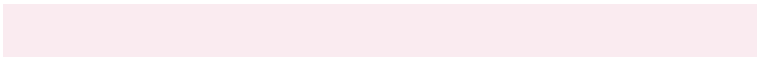
92.6436, 0.3062, 0.3340

Split Complementary

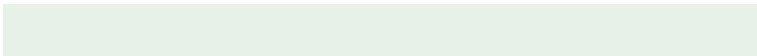
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.0319, 0.3011, 0.3279



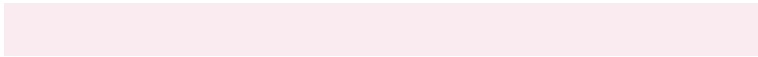
86.0319, 0.3197, 0.3241



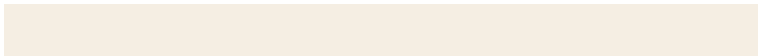
86.0319, 0.3123, 0.3387

Square

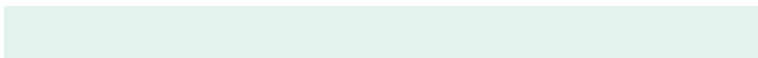
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.0319, 0.3197, 0.3241



86.0319, 0.3240, 0.3396



86.0319, 0.3057, 0.3340



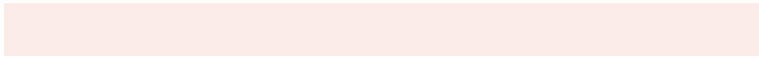
86.0319, 0.3015, 0.3184

Rectangle

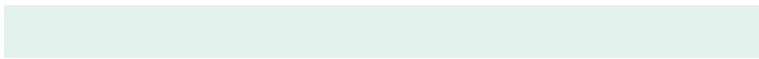
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



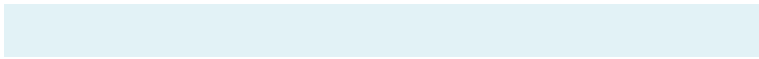
86.0319, 0.3197, 0.3241



86.0319, 0.3259, 0.3339



86.0319, 0.3057, 0.3340



86.0319, 0.2997, 0.3239

Sweetspot

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



86.0356, 0.3197, 0.3241



96.5714, 0.3149, 0.3274



85.7363, 0.3101, 0.3141



20.7062, 0.3148, 0.3275



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

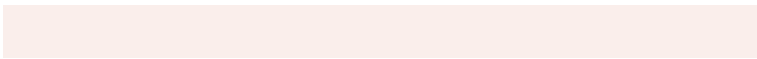
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.0356, 0.3197, 0.3241



88.3902, 0.3209, 0.3233



87.1877, 0.3227, 0.3315



17.9215, 0.3217, 0.3228



11.1340, 0.5652, 0.2887



1.0500, 0.5318, 0.2703

Inverse Universe

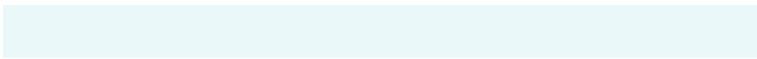
The Inverse Universe completely reimagines the original color for something new.



86.0356, 0.3197, 0.3241



88.3902, 0.3209, 0.3233



91.4059, 0.3034, 0.3265



17.9215, 0.3217, 0.3228



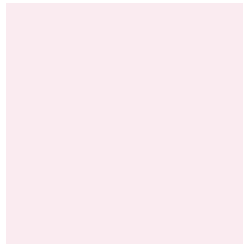
11.1340, 0.5652, 0.2887



1.0500, 0.5318, 0.2703

Previews

White Background



This preview shows how the Yxy color 86.0319, 0.3197, 0.3241 looks on a white background.

Color Contrast Check

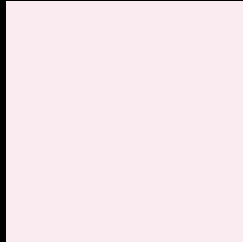
Large Text (above 18pt) WCAG AA × Fail

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 86.0319, 0.3197, 0.3241 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 86.0319, 0.3197, 0.3241

Background



This preview shows how black text looks on a background with the Yxy color 86.0319, 0.3197, 0.3241.

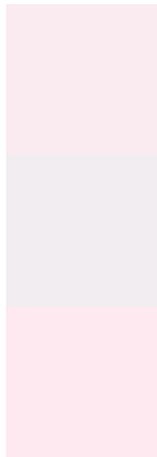


This preview shows how white text looks on a background with the Yxy color 86.0319, 0.3197, 0.3241.

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

86.0319, 0.3197, 0.3241

Protanopia

85.7965, 0.3136, 0.3250

Deuteranopia

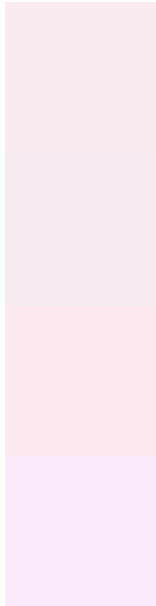
85.8291, 0.3232, 0.3222



Tritanopia

86.0015, 0.3136, 0.3105

Trichromacy



Original Color

86.0319, 0.3197, 0.3241

Protanomaly

85.7543, 0.3156, 0.3240

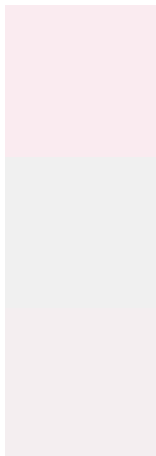
Deuteranomaly

86.0196, 0.3218, 0.3231

Tritanomaly

86.1322, 0.3154, 0.3153

Monochromacy



Original Color

86.0319, 0.3197, 0.3241

Achromatopsia

87.1367, 0.3127, 0.3290

Achromatomaly

86.6734, 0.3155, 0.3270

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.0319, 0.3197, 0.3241 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, 235, 240)` looks like.

```
.text, #text, p{  
    color:rgb(250, 235, 240)  
}
```

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, 235, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 235, 240) }
```

Border

The CSS property to change the border of an element to Yxy 86.0319, 0.3197, 0.3241 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, 235, 240) }
```

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

```
.border{ border-color:rgb(250, 235, 240) }
```

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

Here you see how a box with a 4 pixel rgb(250, 235, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 235, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 235, 240);  
box-shadow:4px 4px 4px 4px rgb(250, 235,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 86.0319, 0.3197, 0.3241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 235, 240) }
```

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

```
.background{ background-color: rgb(250,  
235, 240) }
```

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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