

Converting Colors

Yxy(84.8326, 0.3226, 0.3351)

Have a look what the booklet for
Yxy(84.8326, 0.3226, 0.3351)
contains.

Yxy(85.1166, 0.3225, 0.3351)	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(85.1166, 0.3225, 0.3351)

Conversions

Conversions Part 1

Format	Color
Hex	F5ECE6
RGB	245, 236, 230
RGB Percent	96%, 93%, 90%
CMY	0.0395, 0.0744, 0.0981
CMYK	0.00, 0.04, 0.06, 0.04
HSL	24°, 43%, 93%
HSV	24°, 6%, 96%
XYZ	81.9162, 85.1166, 86.9708
YIQ	238.0070, 7.2900, 0.0420

Conversions

Conversions Part 2

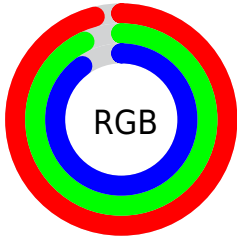
Format	Color
R_{YB}	245, 240, 230
Decimal	16116966
CIE _{Lab}	93.93, 1.97, 3.97
CIE _{LCh}	94, 4.437, 63.578
Yxy	85.1166, 0.3225, 0.3351
Android (android.graphics.Color)	4294307046 (0xFFFF5ECE6)
YUV	238.0070, -3.9475, 6.1329
Hunter-Lab	92.2587, -2.9631, 8.6893

Details

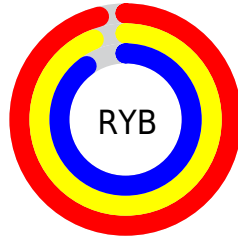
The Yxy color **85.1166, 0.3225, 0.3351** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **85.0858, 0.3033, 0.3228**, and the grayscale version is **85.5284, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.5565, 0.3246, 0.3355** is the 20% darker color. If you saturate the color by 10%, you get **75.7705, 0.3407, 0.3456**, and if you desaturate by 10%, it is **95.3510, 0.3069, 0.3252**.

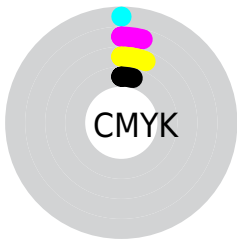
Distribution



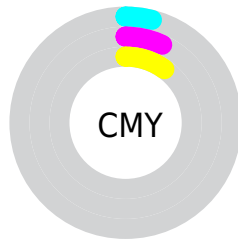
- Red (96%)
- Green (93%)
- Blue (90%)



- Red (96%)
- Yellow (94%)
- Blue (90%)



- Cyan (0%)
- Magenta (4%)
- Yellow (6%)
- Black (4%)





- Cyan (4%)
- Magenta (7%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 85.1166, 0.3225, 0.3351 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 85.1166, 0.3225, 0.3351 by changing the saturation by 10% instead.

 85.1166, 0.3225,
0.3351

 85.1166, 0.3225,
0.3351


512.0138, 0.3181,
0.3324

 63.9377, 0.3235,
0.3357


140.5361, 0.3210,
0.3342

 46.6002, 0.3247,
0.3364


175.5455, 0.3204,
0.3338

 32.7197, 0.3262,
0.3374


215.9338, 0.3199,
0.3335

 21.9118, 0.3281,
0.3385

262.0855, 0.3194,
0.3332

 13.7921, 0.3307,
0.3401

314.3850, 0.3190,
0.3330

 7.9762, 0.3343,
0.3423

373.2166, 0.3187,

 4.0797, 0.3398,

0.3327

0.3455

438.9647, 0.3184,
0.3326

■ 1.7183, 0.3489,
0.3508

■ 0.4354, 0.4224,
0.3981

■ 85.1166, 0.3225,
0.3351

■ 85.1166, 0.3225,
0.3351

■ 75.7705, 0.3407,
0.3456

■ 95.3510, 0.3069,
0.3252

■ 67.2771, 0.3618,
0.3567

■ 98.1403, 0.3065,
0.3290

■ 59.6147, 0.3861,
0.3678

■ 52.7563, 0.4136,
0.3785

■ 46.6734, 0.4439,
0.3879

■ 41.3355, 0.4760,
0.3947

■ 36.7098, 0.5082,
0.3977

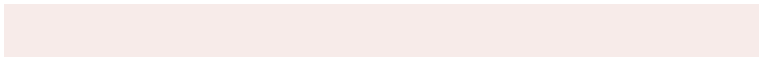
■ 32.7598, 0.5380,
0.3957

■ 29.4447, 0.5629,
0.3882

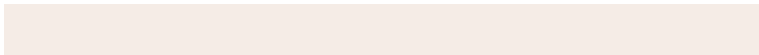
Harmonies

Analogous

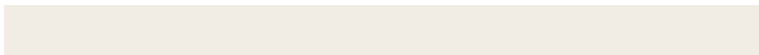
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.1166, 0.3222, 0.3311



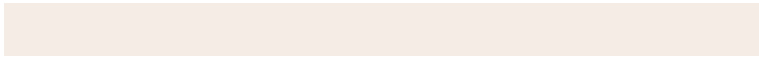
85.1166, 0.3225, 0.3351



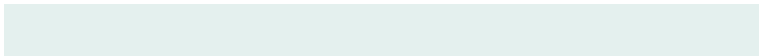
85.1166, 0.3202, 0.3375

Triad

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



85.1166, 0.3225, 0.3351



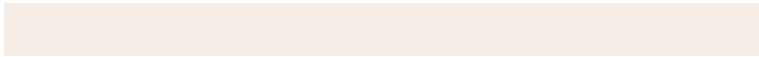
85.1166, 0.3062, 0.3314



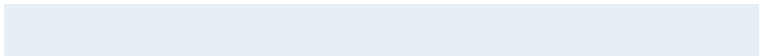
85.1166, 0.3095, 0.3206

Complementary

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



85.1166, 0.3225, 0.3351



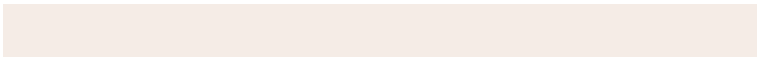
85.0858, 0.3033, 0.3228

Split Complementary

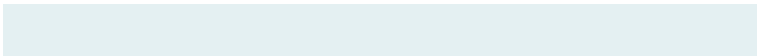
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.1166, 0.3053, 0.3206



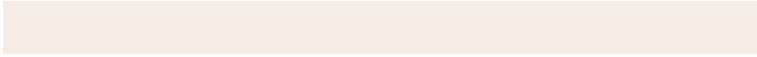
85.1166, 0.3225, 0.3351



85.1166, 0.3034, 0.3268

Square

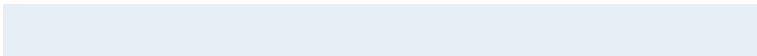
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.1166, 0.3225, 0.3351



85.1166, 0.3108, 0.3354



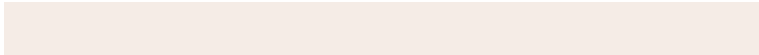
85.1166, 0.3030, 0.3229



85.1166, 0.3146, 0.3228

Rectangle

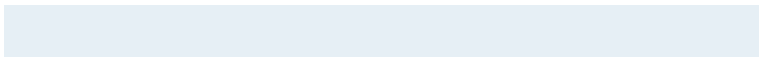
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.1166, 0.3225, 0.3351



85.1166, 0.3175, 0.3378



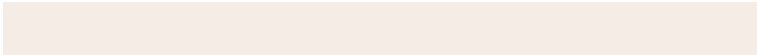
85.1166, 0.3030, 0.3229



85.1166, 0.3079, 0.3203

Sweetspot

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



85.1203, 0.3225, 0.3351



97.7512, 0.3158, 0.3310



82.2215, 0.3172, 0.3200



20.9464, 0.3157, 0.3309



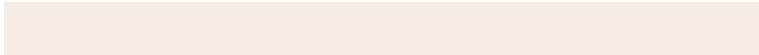
0.0000, 0.0000, 0.0000



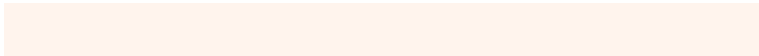
21.4041, 0.3127, 0.3290

Same Dimension

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



85.1203, 0.3225, 0.3351



92.3004, 0.3241, 0.3360



89.4774, 0.3219, 0.3425



17.9711, 0.3250, 0.3366



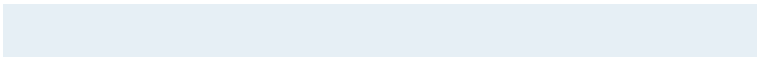
15.5135, 0.5687, 0.3867



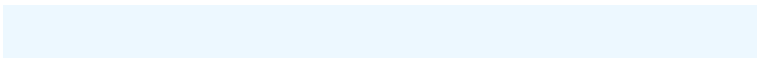
1.5595, 0.5459, 0.4048

Inverse Universe

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



85.0858, 0.3033, 0.3228



92.2571, 0.3019, 0.3219



80.8374, 0.3034, 0.3152



17.9619, 0.3010, 0.3212



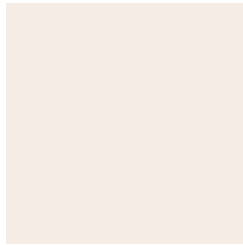
14.9156, 0.1864, 0.1909



1.5122, 0.1917, 0.2100

Previews

White Background



This preview shows how the Yxy color 85.1166, 0.3225, 0.3351 looks on a white background.

Color Contrast Check

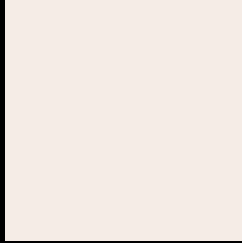
Large Text (above 18pt) WCAG AA × Fail

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 85.1166, 0.3225, 0.3351 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

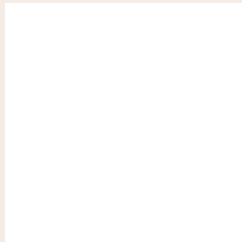
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 85.1166, 0.3225, 0.3351

Background



This preview shows how black text looks on a background with the Yxy color 85.1166, 0.3225, 0.3351.

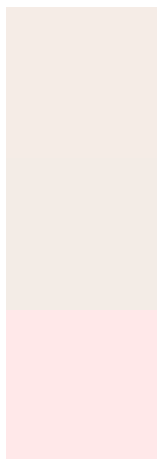


This preview shows how white text looks on a background with the Yxy color 85.1166, 0.3225, 0.3351.

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

85.1166, 0.3225, 0.3351

Protanopia

84.7588, 0.3212, 0.3351

Deuteranopia

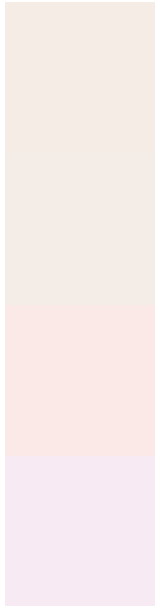
84.8564, 0.3279, 0.3281



Tritanopia

85.1993, 0.3115, 0.3113

Trichromacy



Original Color

85.1166, 0.3225, 0.3351

Protanomaly

84.9372, 0.3219, 0.3351

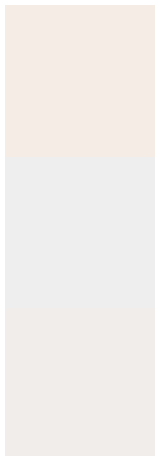
Deuteranomaly

84.6133, 0.3256, 0.3300

Tritanomaly

85.0909, 0.3158, 0.3201

Monochromacy



Original Color

85.1166, 0.3225, 0.3351

Achromatopsia

85.4993, 0.3127, 0.3290

Achromatomaly

85.2673, 0.3166, 0.3310

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.1166, 0.3225, 0.3351 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, 236, 230)` looks like.

```
.text, #text, p{  
    color:rgb(245, 236, 230)  
}
```

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, 236, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 236, 230) }
```

Border

The CSS property to change the border of an element to Yxy 85.1166, 0.3225, 0.3351 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, 236, 230) }
```

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

```
.border{ border-color:rgb(245, 236, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 236, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 236, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 236, 230);  
box-shadow:4px 4px 4px 4px rgb(245, 236,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 85.1166, 0.3225, 0.3351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 236, 230) }
```

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

```
.background{ background-color: rgb(245,  
236, 230) }
```

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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