

Converting Colors

Yxy(85.4123, 0.3220, 0.3563)

Have a look what the booklet for
Yxy(85.4123, 0.3220, 0.3563)
contains.

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Color

Yxy(85.6179, 0.3220, 0.3561)

Conversions

Conversions Part 1

Format	Color
Hex	E8F2D8
RGB	232, 242, 216
RGB Percent	91%, 95%, 85%
CMY	0.0903, 0.0509, 0.1530
CMYK	0.04, 0.00, 0.11, 0.05
HSL	83°, 50%, 90%
HSV	83°, 11%, 95%
XYZ	77.4192, 85.6179, 77.3951
YIQ	236.0460, 2.3860, -10.2060

Conversions

Conversions Part 2

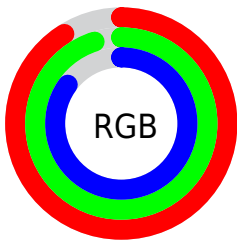
Format	Color
RYB	216, 242, 226
Decimal	15266520
CIELab	94.15, -7.83, 11.42
CIELCh	94, 13.845, 124.419
Yxy	85.6179, 0.3220, 0.3561
Android (android.graphics.Color)	4293456600 (0xFFE8F2D8)
YUV	236.0460, -9.8827, -3.5483
Hunter-Lab	92.5299, -12.5777, 15.1788

Details

The Yxy color **85.6179, 0.3220, 0.3561** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **71.6817, 0.3027, 0.3016**, and the grayscale version is **83.9930, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.9211, 0.3238, 0.3626** is the 20% darker color. If you saturate the color by 10%, you get **82.9421, 0.3306, 0.3831**, and if you desaturate by 10%, it is **88.5682, 0.3134, 0.3308**.

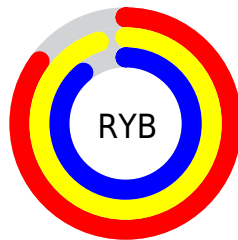
Distribution



Red (91%)

Green (95%)

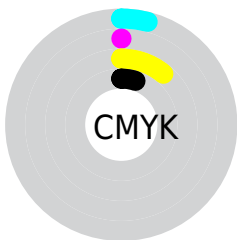
Blue (85%)



Red (85%)

Yellow (95%)

Blue (89%)

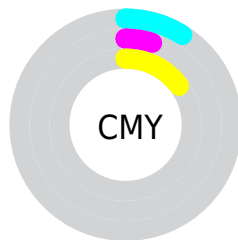


Cyan (4%)

Magenta (0%)

Yellow (11%)

Black (5%)



Cyan (9%)


Magenta (5%)

Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 85.6179, 0.3220, 0.3561 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 85.6179, 0.3220, 0.3561 by changing the saturation by 10% instead.


 85.6179, 0.3220,
0.3561

 85.6179, 0.3220,
0.3561


513.6704, 0.3179,
0.3437

 64.3521, 0.3229,
0.3589


141.2362, 0.3206,
0.3518

 46.9359, 0.3240,
0.3623


176.3574, 0.3201,
0.3502

 32.9850, 0.3253,
0.3666


216.8658, 0.3196,
0.3487

 22.1149, 0.3270,
0.3721

263.1459, 0.3192,
0.3475

 13.9414, 0.3291,
0.3796

315.5820, 0.3188,
0.3464

 8.0799, 0.3320,
0.3902

374.5585, 0.3185,

 4.1461, 0.3361,

0.3454

0.4063

440.4599, 0.3182,
0.3445

■ 1.7556, 0.3422,
0.4337

■ 0.4593, 0.3483,
0.6517

■ 85.6179, 0.3220,
0.3561

■ 85.6179, 0.3220,
0.3561

■ 82.9421, 0.3306,
0.3831

■ 88.5682, 0.3134,
0.3308

■ 80.5204, 0.3389,
0.4114

■ 91.1717, 0.3105,
0.3164

■ 78.3465, 0.3463,
0.4401

■ 91.9916, 0.3133,
0.3166

■ 76.4099, 0.3526,
0.4683

■ 74.6988, 0.3570,
0.4946

■ 73.2004, 0.3593,
0.5178

■ 71.9002, 0.3592,
0.5365

■ 70.7809, 0.3566,
0.5500

■ 69.8824, 0.3525,
0.5583

Harmonies

Analogous

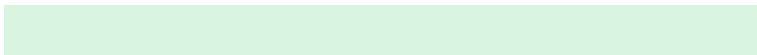
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.6179, 0.3357, 0.3556



85.6179, 0.3220, 0.3561



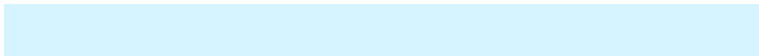
85.6179, 0.3061, 0.3488

Triad

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



85.6179, 0.3220, 0.3561



85.6179, 0.2830, 0.3093



85.6179, 0.3334, 0.3219

Complementary

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



85.6179, 0.3220, 0.3561



71.6817, 0.3027, 0.3016

Split Complementary

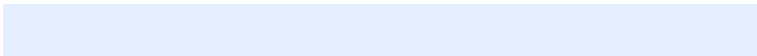
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.6179, 0.3189, 0.3103



85.6179, 0.3220, 0.3561



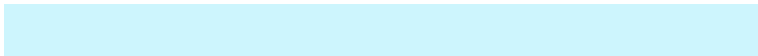
85.6179, 0.2899, 0.3030

Square

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



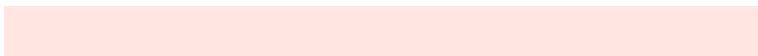
85.6179, 0.3220, 0.3561



85.6179, 0.2839, 0.3213



85.6179, 0.3029, 0.3034



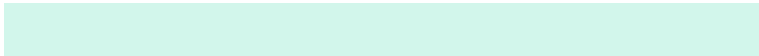
85.6179, 0.3425, 0.3355

Rectangle

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



85.6179, 0.3220, 0.3561



85.6179, 0.2964, 0.3406



85.6179, 0.3029, 0.3034



85.6179, 0.3290, 0.3177

Sweetspot

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



85.6216, 0.3220, 0.3561



98.9625, 0.3153, 0.3364



78.2060, 0.3307, 0.3394



21.1237, 0.3160, 0.3384



0.0000, 0.0000, 0.0000



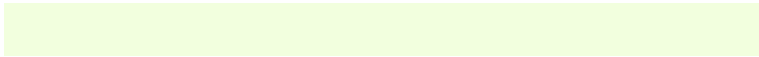
21.4041, 0.3127, 0.3290

Same Dimension

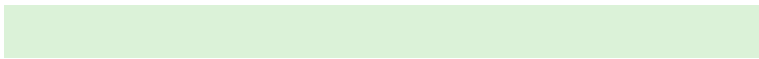
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.6216, 0.3220, 0.3561



95.7042, 0.3240, 0.3621



83.5308, 0.3134, 0.3568



18.1374, 0.3209, 0.3527



37.6182, 0.3535, 0.5575



3.1866, 0.3621, 0.5507

Inverse Universe

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



71.6817, 0.3027, 0.3016



76.9801, 0.3003, 0.2954



73.8584, 0.3118, 0.3023



15.5255, 0.3040, 0.3050



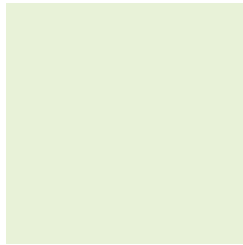
4.7728, 0.1821, 0.0777



0.4526, 0.1968, 0.0858

Previews

White Background



This preview shows how the Yxy color 85.6179, 0.3220, 0.3561 looks on a white background.

Color Contrast Check

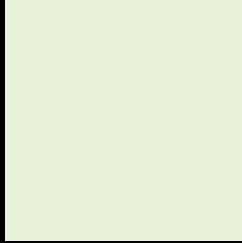
Large Text (above 18pt) WCAG AA × Fail

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 85.6179, 0.3220, 0.3561 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

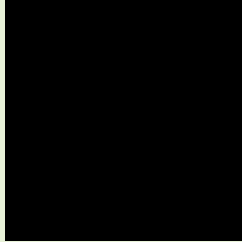
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

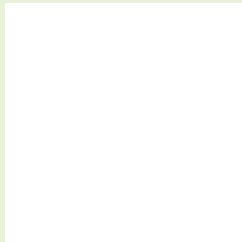
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 85.6179, 0.3220, 0.3561

Background



This preview shows how black text looks on a background with the Yxy color 85.6179, 0.3220, 0.3561.

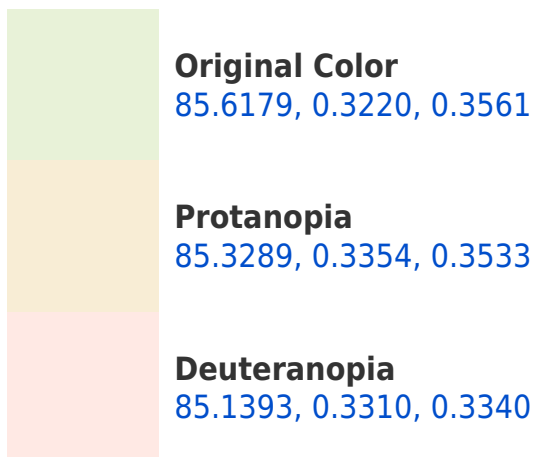


This preview shows how white text looks on a background with the Yxy color 85.6179, 0.3220, 0.3561.

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

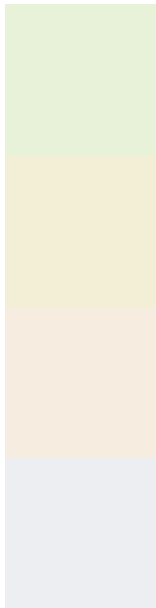




Tritanopia

85.3880, 0.3025, 0.3101

Trichromacy



Original Color

85.6179, 0.3220, 0.3561

Protanomaly

85.4653, 0.3304, 0.3546

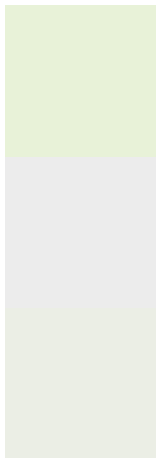
Deuteranomaly

85.1469, 0.3278, 0.3411

Tritanomaly

85.3328, 0.3096, 0.3260

Monochromacy



Original Color

85.6179, 0.3220, 0.3561

Achromatopsia

83.8799, 0.3127, 0.3290

Achromatomaly

84.4684, 0.3163, 0.3383

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.6179, 0.3220, 0.3561 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(232, 242, 216)` looks like.

```
.text, #text, p{  
    color:rgb(232, 242, 216)  
}
```

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(232, 242, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 242, 216) }
```

Border

The CSS property to change the border of an element to Yxy 85.6179, 0.3220, 0.3561 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(232, 242, 216) }
```

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

```
.border{ border-color:rgb(232, 242, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 242, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 242, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 242, 216);  
box-shadow:4px 4px 4px 4px rgb(232, 242,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 85.6179, 0.3220, 0.3561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 242, 216) }
```

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

```
.background{ background-color: rgb(232,  
242, 216) }
```

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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