

Converting Colors

Yxy(84.5990, 0.3193, 0.3522)

Have a look what the booklet for
Yxy(84.5990, 0.3193, 0.3522)
contains.

Yxy(84.7955, 0.3195, 0.3530)	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(84.7955, 0.3195, 0.3530)

Conversions

Conversions Part 1

Format	Color
Hex	E6F1DA
RGB	230, 241, 218
RGB Percent	90%, 95%, 85%
CMY	0.0980, 0.0549, 0.1450
CMYK	0.05, 0.00, 0.10, 0.05
HSL	89°, 45%, 90%
HSV	89°, 10%, 95%
XYZ	76.7483, 84.7955, 78.6700
YIQ	235.0890, 0.8270, -9.4850

Conversions

Conversions Part 2

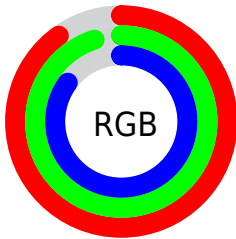
Format	Color
R_{YB}	218, 241, 229
Decimal	15135194
CIE _{Lab}	93.79, -7.65, 9.84
CIE _{LCh}	94, 12.463, 127.885
Yxy	84.7955, 0.3195, 0.3530
Android (android.graphics.Color)	4293325274 (0xFFE6F1DA)
YUV	235.0890, -8.4249, -4.4631
Hunter-Lab	92.0845, -12.3760, 13.8062

Details

The Yxy color **84.7955, 0.3195, 0.3530** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **73.1695, 0.3054, 0.3050**, and the grayscale version is **83.2185, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.3409, 0.3206, 0.3588** is the 20% darker color. If you saturate the color by 10%, you get **81.7825, 0.3265, 0.3802**, and if you desaturate by 10%, it is **88.1255, 0.3124, 0.3279**.

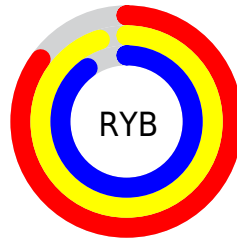
Distribution



Red (90%)

Green (95%)

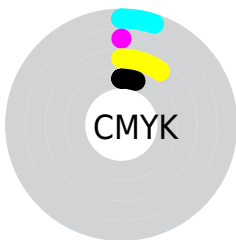
Blue (85%)



Red (85%)

Yellow (95%)

Blue (90%)

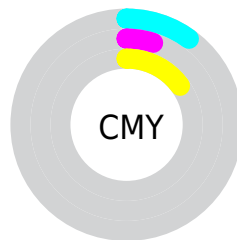


Cyan (5%)

Magenta (0%)

Yellow (10%)

Black (5%)



Cyan (10%)

Magenta (5%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 84.7955, 0.3195, 0.3530 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 84.7955, 0.3195, 0.3530 by changing the saturation by 10% instead.

 84.7955, 0.3195,
0.3530

 84.7955, 0.3195,
0.3530


510.9511, 0.3165,
0.3421

 63.6724, 0.3201,
0.3555


140.0874, 0.3185,
0.3492

 46.3854, 0.3209,
0.3585


175.0251, 0.3181,
0.3478

 32.5501, 0.3219,
0.3623


215.3363, 0.3177,
0.3465

 21.7820, 0.3231,
0.3673

261.4056, 0.3174,
0.3454

 13.6968, 0.3247,
0.3739

313.6174, 0.3172,
0.3444

 7.9101, 0.3268,
0.3834

372.3560, 0.3169,

 4.0375, 0.3298,

0.3435

0.3979

438.0057, 0.3167,
0.3427

■ 1.6945, 0.3341,
0.4227

■ 0.4201, 0.3359,
0.6641

■ 84.7955, 0.3195,
0.3530

■ 84.7955, 0.3195,
0.3530

■ 81.7825, 0.3265,
0.3802

■ 88.1255, 0.3124,
0.3279

■ 79.0652, 0.3332,
0.4090

■ 91.0267, 0.3121,
0.3155

■ 76.6363, 0.3392,
0.4389

■ 91.3910, 0.3133,
0.3156

■ 74.4840, 0.3440,
0.4686

■ 72.5957, 0.3472,
0.4969

■ 70.9575, 0.3484,
0.5222

■ 69.5537, 0.3473,
0.5432

■ 68.3662, 0.3439,
0.5588

■ 67.3677, 0.3387,
0.5690

Harmonies

Analogous

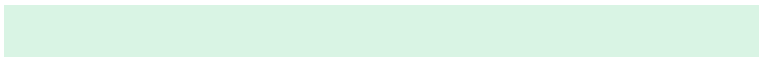
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.7955, 0.3323, 0.3534



84.7955, 0.3195, 0.3530



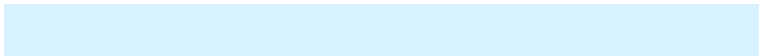
84.7955, 0.3051, 0.3457

Triad

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



84.7955, 0.3195, 0.3530



84.7955, 0.2862, 0.3103



84.7955, 0.3327, 0.3240

Complementary

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



84.7955, 0.3195, 0.3530



73.1695, 0.3054, 0.3050

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.



84.7955, 0.3199, 0.3131



84.7955, 0.3195, 0.3530



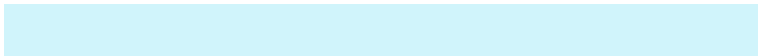
84.7955, 0.2932, 0.3052

Square

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



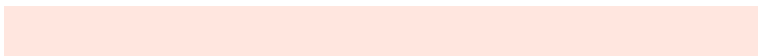
84.7955, 0.3195, 0.3530



84.7955, 0.2862, 0.3206



84.7955, 0.3055, 0.3063



84.7955, 0.3401, 0.3364

Rectangle

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



84.7955, 0.3195, 0.3530



84.7955, 0.2966, 0.3380



84.7955, 0.3055, 0.3063



84.7955, 0.3289, 0.3201

Sweetspot

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



84.7992, 0.3195, 0.3530



98.8295, 0.3149, 0.3364



79.6640, 0.3283, 0.3401



21.0878, 0.3154, 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.



84.7992, 0.3195, 0.3530



95.8664, 0.3206, 0.3570



83.0026, 0.3121, 0.3535



18.0619, 0.3195, 0.3529



36.5891, 0.3396, 0.5685



3.1031, 0.3494, 0.5608

Inverse Universe

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



73.1695, 0.3054, 0.3050



80.7208, 0.3042, 0.3010



75.0749, 0.3133, 0.3056



15.5996, 0.3055, 0.3051



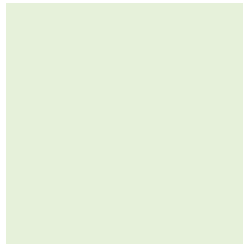
5.5106, 0.1982, 0.0866



0.5173, 0.2126, 0.0945

Previews

White Background



This preview shows how the Yxy color 84.7955, 0.3195, 0.3530 looks on a white background.

Color Contrast Check

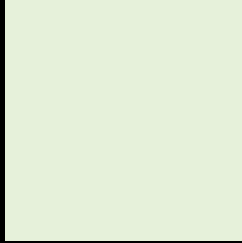
Large Text (above 18pt) WCAG AA × Fail

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 84.7955, 0.3195, 0.3530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

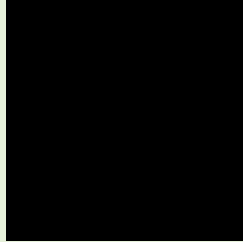
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

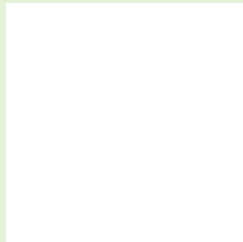
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 84.7955, 0.3195, 0.3530

Background



This preview shows how black text looks on a background with the Yxy color 84.7955, 0.3195, 0.3530.



This preview shows how white text looks on a background with the Yxy color 84.7955, 0.3195, 0.3530.

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

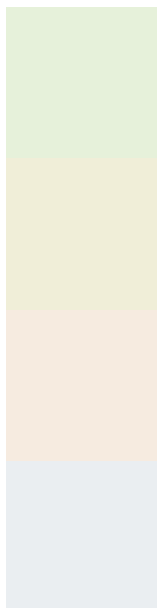




Tritanopia

84.9795, 0.3018, 0.3110

Trichromacy



Original Color

84.7955, 0.3195, 0.3530

Protanomaly

84.6322, 0.3278, 0.3516

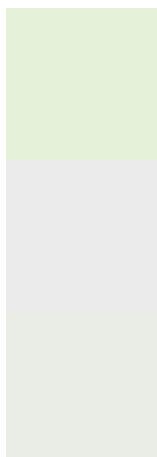
Deuteranomaly

84.3913, 0.3272, 0.3402

Tritanomaly

84.9924, 0.3083, 0.3259

Monochromacy



Original Color

84.7955, 0.3195, 0.3530

Achromatopsia

83.0770, 0.3127, 0.3290

Achromatomaly

83.5492, 0.3150, 0.3373

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.7955, 0.3195, 0.3530 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(230, 241, 218)` looks like.

```
.text, #text, p{  
    color:rgb(230, 241, 218)  
}
```

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(230, 241, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 241, 218) }
```

Border

The CSS property to change the border of an element to Yxy 84.7955, 0.3195, 0.3530 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(230, 241, 218) }
```

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

```
.border{ border-color:rgb(230, 241, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 241, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 241, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 241, 218);  
box-shadow:4px 4px 4px 4px rgb(230, 241,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 84.7955, 0.3195, 0.3530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 241, 218) }
```

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

```
.background{ background-color: rgb(230,  
241, 218) }
```

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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