

Converting Colors

$Yxy(84.5753, 0.3095, 0.3415)$

Have a look what the booklet for
Yxy(84.5753, 0.3095, 0.3415)
contains.

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Color

Yxy(84.5753, 0.3095, 0.3415)

Conversions

Conversions Part 1

Format	Color
Hex	E1F1E5
RGB	225, 241, 229
RGB Percent	88%, 95%, 90%
CMY	0.1177, 0.0549, 0.1019
CMYK	0.07, 0.00, 0.05, 0.05
HSL	135°, 36%, 91%
HSV	135°, 7%, 95%
XYZ	76.6502, 84.5753, 86.4327
YIQ	234.8480, -5.6840, -7.1240

Conversions

Conversions Part 2

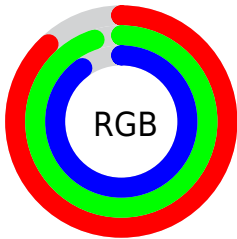
Format	Color
R _Y B	225, 238, 241
Decimal	14807525
CIE Lab	93.70, -7.44, 3.95
CIE LCh	94, 8.427, 152.018
Yxy	84.5753, 0.3095, 0.3415
Android (android.graphics.Color)	4292997605 (0xFFE1F1E5)
YUV	234.8480, -2.8831, -8.6367
Hunter-Lab	91.9648, -12.1635, 8.6519

Details

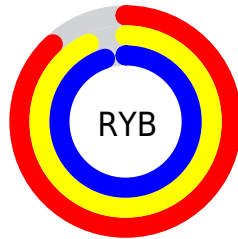
The Yxy color **84.5753, 0.3095, 0.3415** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **78.6606, 0.3161, 0.3168**, and the grayscale version is **82.9842, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.3000, 0.3087, 0.3438** is the 20% darker color. If you saturate the color by 10%, you get **80.0196, 0.3046, 0.3624**, and if you desaturate by 10%, it is **89.7895, 0.3143, 0.3231**.

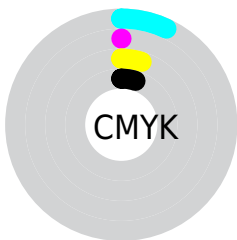
Distribution



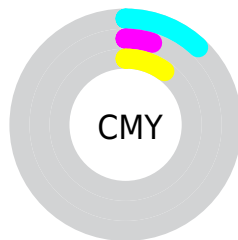
- Red (88%)
- Green (95%)
- Blue (90%)



- Red (88%)
- Yellow (93%)
- Blue (95%)



- Cyan (7%)
- Magenta (0%)
- Yellow (5%)
- Black (5%)



- Cyan (12%)
- Magenta (5%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 84.5753, 0.3095, 0.3415 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 84.5753, 0.3095, 0.3415 by changing the saturation by 10% instead.

84.5753, 0.3095,
0.3415

84.5753, 0.3095,
0.3415

510.2217, 0.3110,
0.3358

63.4905, 0.3092,
0.3428

139.7797, 0.3100,
0.3395

46.2382, 0.3088,
0.3443

174.6680, 0.3102,
0.3388

32.4338, 0.3082,
0.3463

214.9264, 0.3104,
0.3381

21.6931, 0.3076,
0.3489

260.9391, 0.3105,
0.3375

13.6315, 0.3066,
0.3523

313.0906, 0.3107,
0.3370

7.8648, 0.3053,
0.3572

371.7653, 0.3108,

4.0086, 0.3033,

0.3366

0.3646

437.3475, 0.3109,
0.3362

■ 1.6784, 0.2997,
0.3774

■ 0.4096, 0.2639,
0.5206

■ 84.5753, 0.3095,
0.3415

■ 84.5753, 0.3095,
0.3415

■ 80.0196, 0.3046,
0.3624

■ 89.7895, 0.3143,
0.3231

■ 76.0857, 0.2999,
0.3857

■ 91.3939, 0.3133,
0.3156

■ 72.7493, 0.2956,
0.4114

■ 69.9807, 0.2918,
0.4390

■ 67.7474, 0.2890,
0.4676

■ 66.0136, 0.2875,
0.4962

■ 64.7391, 0.2874,
0.5234

■ 63.8770, 0.2888,
0.5475

■ 63.3688, 0.2915,
0.5672

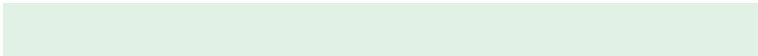
Harmonies

Analogous

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



84.5753, 0.3192, 0.3456



84.5753, 0.3095, 0.3415



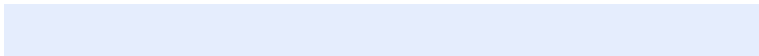
84.5753, 0.3007, 0.3339

Triad

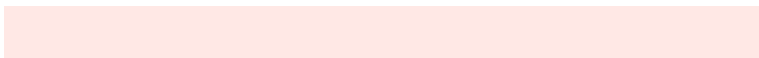
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.5753, 0.3095, 0.3415



84.5753, 0.2982, 0.3132



84.5753, 0.3306, 0.3325

Complementary

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



84.5753, 0.3095, 0.3415



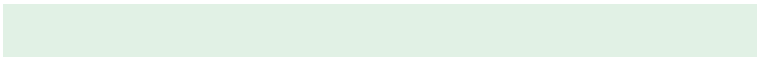
78.6606, 0.3161, 0.3168

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.



84.5753, 0.3248, 0.3241



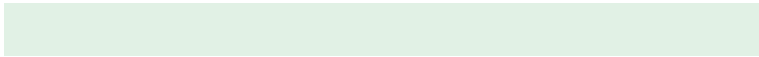
84.5753, 0.3095, 0.3415



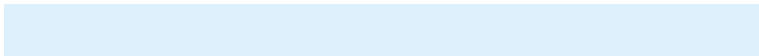
84.5753, 0.3060, 0.3130

Square

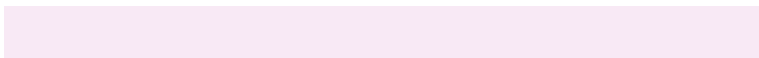
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



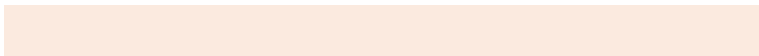
84.5753, 0.3095, 0.3415



84.5753, 0.2943, 0.3175



84.5753, 0.3157, 0.3170



84.5753, 0.3315, 0.3402

Rectangle

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



84.5753, 0.3095, 0.3415



84.5753, 0.2966, 0.3280



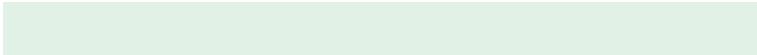
84.5753, 0.3157, 0.3170



84.5753, 0.3291, 0.3296

Sweetspot

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



84.5789, 0.3095, 0.3415



98.8023, 0.3117, 0.3327



86.3546, 0.3199, 0.3454



21.1603, 0.3118, 0.3325



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

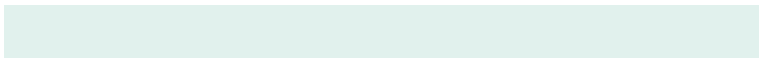
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.5789, 0.3095, 0.3415



95.3901, 0.3088, 0.3442



85.0348, 0.3048, 0.3331



17.7218, 0.3081, 0.3472



34.3144, 0.2917, 0.5702



2.8701, 0.2848, 0.5452

Inverse Universe

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



78.6606, 0.3161, 0.3168



87.3411, 0.3168, 0.3142



78.2048, 0.3213, 0.3249



15.9594, 0.3176, 0.3115



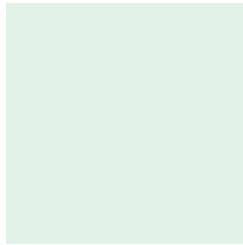
11.9566, 0.3970, 0.1960



1.0105, 0.3847, 0.1893

Previews

White Background



This preview shows how the Yxy color 84.5753, 0.3095, 0.3415 looks on a white background.

Color Contrast Check

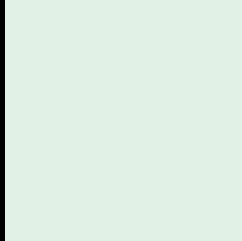
Large Text (above 18pt) WCAG AA × Fail

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 84.5753, 0.3095, 0.3415 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

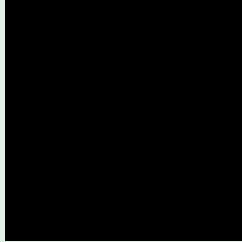
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

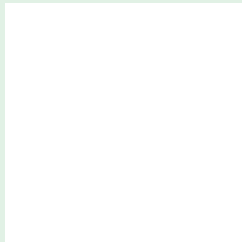
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 84.5753, 0.3095, 0.3415

Background



This preview shows how black text looks on a background with the Yxy color 84.5753, 0.3095, 0.3415.

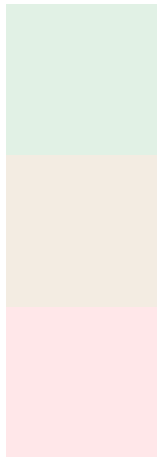


This preview shows how white text looks on a background with the Yxy color 84.5753, 0.3095, 0.3415.

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

84.5753, 0.3095, 0.3415

Protanopia

84.5366, 0.3237, 0.3392

Deuteranopia

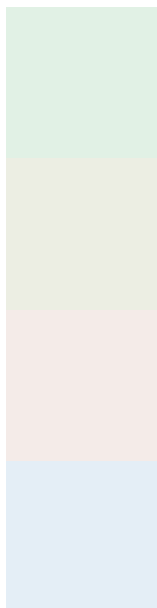
84.2950, 0.3280, 0.3271



Tritanopia

84.6114, 0.2974, 0.3108

Trichromacy



Original Color

84.5753, 0.3095, 0.3415

Protanomaly

84.5280, 0.3182, 0.3403

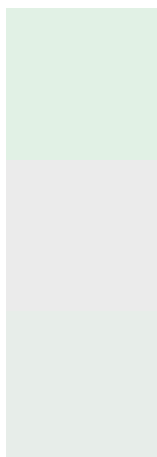
Deuteranomaly

84.4760, 0.3207, 0.3320

Tritanomaly

84.2969, 0.3014, 0.3208

Monochromacy



Original Color

84.5753, 0.3095, 0.3415

Achromatopsia

83.0770, 0.3127, 0.3290

Achromatomaly

83.4405, 0.3112, 0.3331

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.5753, 0.3095, 0.3415 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(225, 241, 229)` looks like.

```
.text, #text, p{  
    color:rgb(225, 241, 229)  
}
```

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(225, 241, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 241, 229) }
```

Border

The CSS property to change the border of an element to Yxy 84.5753, 0.3095, 0.3415 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(225, 241, 229) }
```

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

```
.border{ border-color:rgb(225, 241, 229) }
```

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

Here you see how a box with a 4 pixel rgb(225, 241, 229) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 241, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 241, 229);  
box-shadow:4px 4px 4px 4px rgb(225, 241,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 84.5753, 0.3095, 0.3415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 241, 229) }
```

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

```
.background{ background-color: rgb(225,  
241, 229) }
```

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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