

Converting Colors

Yxy(84.9439, 0.3193, 0.3547)

Have a look what the booklet for
Yxy(84.9439, 0.3193, 0.3547)
contains.

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Color

Yxy(85.1720, 0.3194, 0.3552)

Conversions

Conversions Part 1

Format	Color
Hex	E5F2D9
RGB	229, 242, 217
RGB Percent	90%, 95%, 85%
CMY	0.1019, 0.0510, 0.1491
CMYK	0.05, 0.00, 0.10, 0.05
HSL	91°, 49%, 90%
HSV	91°, 10%, 95%
XYZ	76.5877, 85.1720, 78.0264
YIQ	235.2630, 0.2770, -10.5310

Conversions

Conversions Part 2

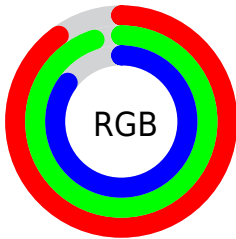
Format	Color
R _Y B	217, 242, 230
Decimal	15069913
CIE Lab	93.96, -8.68, 10.61
CIE LCh	94, 13.705, 129.287
Yxy	85.1720, 0.3194, 0.3552
Android (android.graphics.Color)	4293259993 (0xFFE5F2D9)
YUV	235.2630, -9.0037, -5.4927
Hunter-Lab	92.2887, -13.3733, 14.4748

Details

The Yxy color **85.1720, 0.3194, 0.3552** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **72.8386, 0.3054, 0.3029**, and the grayscale version is **83.3598, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.6107, 0.3204, 0.3615** is the 20% darker color. If you saturate the color by 10%, you get **82.0147, 0.3258, 0.3827**, and if you desaturate by 10%, it is **88.6709, 0.3129, 0.3298**.

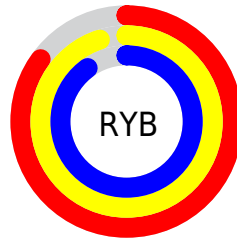
Distribution



Red (90%)

Green (95%)

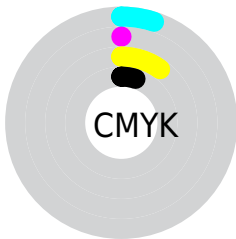
Blue (85%)



Red (85%)

Yellow (95%)

Blue (90%)

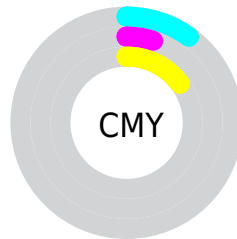


Cyan (5%)

Magenta (0%)

Yellow (10%)

Black (5%)



Cyan (10%)

Magenta (5%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 85.1720, 0.3194, 0.3552 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 85.1720, 0.3194, 0.3552 by changing the saturation by 10% instead.

85.1720, 0.3194,
0.3552

85.1720, 0.3194,
0.3552

512.1970, 0.3165,
0.3432

63.9835, 0.3200,
0.3579

140.6135, 0.3184,
0.3511

46.6373, 0.3208,
0.3612

175.6352, 0.3180,
0.3495

32.7490, 0.3217,
0.3654

216.0369, 0.3177,
0.3481

21.9343, 0.3229,
0.3708

262.2028, 0.3174,
0.3469

13.8086, 0.3244,
0.3781

314.5173, 0.3171,
0.3458

7.9877, 0.3264,
0.3885

373.3650, 0.3169,

4.0871, 0.3291,

0.3448

0.4043

439.1301, 0.3167,
0.3440

■ 1.7224, 0.3328,
0.4315

■ 0.4381, 0.3183,
0.6817

■ 85.1720, 0.3194,
0.3552

■ 85.1720, 0.3194,
0.3552

■ 82.0147, 0.3258,
0.3827

■ 88.6709, 0.3129,
0.3298

■ 79.1768, 0.3317,
0.4120

■ 91.8249, 0.3127,
0.3165

■ 76.6503, 0.3369,
0.4423

■ 91.9883, 0.3133,
0.3165

■ 74.4223, 0.3409,
0.4726

■ 72.4792, 0.3434,
0.5014

■ 70.8059, 0.3438,
0.5272

■ 69.3857, 0.3420,
0.5484

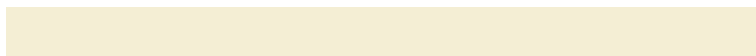
■ 68.1990, 0.3381,
0.5640

■ 67.2461, 0.3329,
0.5739

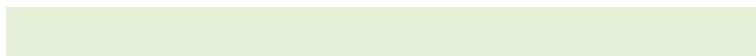
Harmonies

Analogous

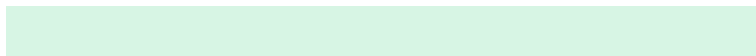
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.1720, 0.3336, 0.3560



85.1720, 0.3194, 0.3552



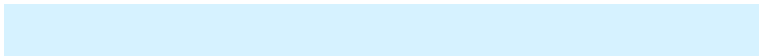
85.1720, 0.3037, 0.3469

Triad

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



85.1720, 0.3194, 0.3552



85.1720, 0.2839, 0.3080



85.1720, 0.3352, 0.3241

Complementary

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



85.1720, 0.3194, 0.3552



72.8386, 0.3054, 0.3029

Split Complementary

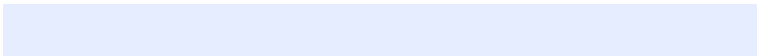
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.1720, 0.3214, 0.3121



85.1720, 0.3194, 0.3552



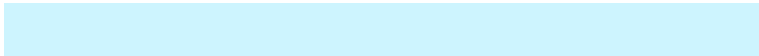
85.1720, 0.2918, 0.3028

Square

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



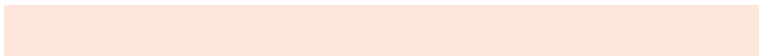
85.1720, 0.3194, 0.3552



85.1720, 0.2834, 0.3191



85.1720, 0.3055, 0.3044



85.1720, 0.3429, 0.3376

Rectangle

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



85.1720, 0.3194, 0.3552



85.1720, 0.2944, 0.3383



85.1720, 0.3055, 0.3044



85.1720, 0.3311, 0.3198

Sweetspot

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



85.1757, 0.3194, 0.3552



98.7715, 0.3147, 0.3364



80.4274, 0.3295, 0.3424



21.0722, 0.3152, 0.3384



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

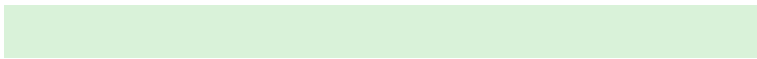
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.1757, 0.3194, 0.3552



95.2940, 0.3205, 0.3597



83.2851, 0.3112, 0.3554



18.0292, 0.3188, 0.3529



36.2033, 0.3341, 0.5730



3.0707, 0.3441, 0.5650

Inverse Universe

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



72.8386, 0.3054, 0.3029



79.3221, 0.3041, 0.2984



74.8743, 0.3142, 0.3040



15.6324, 0.3061, 0.3052



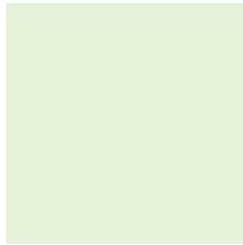
5.8941, 0.2062, 0.0909



0.5496, 0.2201, 0.0986

Previews

White Background



This preview shows how the Yxy color 85.1720, 0.3194, 0.3552 looks on a white background.

Color Contrast Check

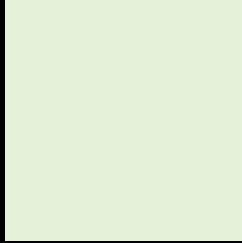
Large Text (above 18pt) WCAG AA × Fail

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 85.1720, 0.3194, 0.3552 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

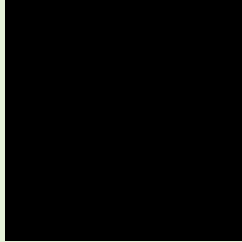
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

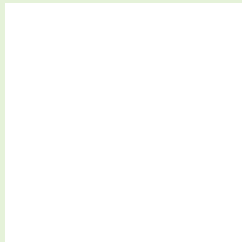
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 85.1720, 0.3194, 0.3552

Background



This preview shows how black text looks on a background with the Yxy color 85.1720, 0.3194, 0.3552.

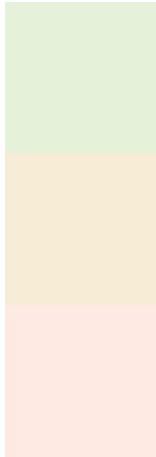


This preview shows how white text looks on a background with the Yxy color 85.1720, 0.3194, 0.3552.

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

85.1720, 0.3194, 0.3552

Protanopia

85.1976, 0.3341, 0.3524

Deuteranopia

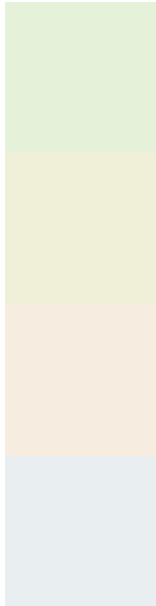
85.0839, 0.3317, 0.3350



Tritanopia

84.8731, 0.3006, 0.3099

Trichromacy



Original Color

85.1720, 0.3194, 0.3552

Protanomaly

85.1646, 0.3284, 0.3537

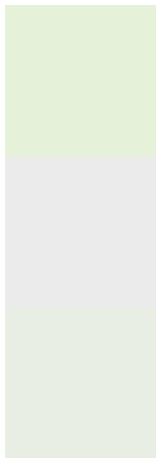
Deuteranomaly

84.9114, 0.3277, 0.3422

Tritanomaly

84.8236, 0.3076, 0.3259

Monochromacy



Original Color

85.1720, 0.3194, 0.3552

Achromatopsia

83.0770, 0.3127, 0.3290

Achromatomaly

84.0741, 0.3156, 0.3393

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.1720, 0.3194, 0.3552 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(229, 242, 217)` looks like.

```
.text, #text, p{  
    color:rgb(229, 242, 217)  
}
```

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(229, 242, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 242, 217) }
```

Border

The CSS property to change the border of an element to Yxy 85.1720, 0.3194, 0.3552 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(229, 242, 217) }
```

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

```
.border{ border-color:rgb(229, 242, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 242, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 242, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 242, 217);  
box-shadow:4px 4px 4px 4px rgb(229, 242,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 85.1720, 0.3194, 0.3552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 242, 217) }
```

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

```
.background{ background-color: rgb(229,  
242, 217) }
```

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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