

Converting Colors

$Yxy(83.5108, 0.3133, 0.3469)$

Have a look what the booklet for
Yxy(83.5108, 0.3133, 0.3469)
contains.

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Color

Yxy(83.6554, 0.3132, 0.3469)

Conversions

Conversions Part 1

Format	Color
Hex	E1F0DF
RGB	225, 240, 223
RGB Percent	88%, 94%, 87%
CMY	0.1176, 0.0588, 0.1255
CMYK	0.06, 0.00, 0.07, 0.06
HSL	113°, 36%, 91%
HSV	113°, 7%, 94%
XYZ	75.5286, 83.6554, 81.9673
YIQ	233.5770, -3.4830, -8.4670

Conversions

Conversions Part 2

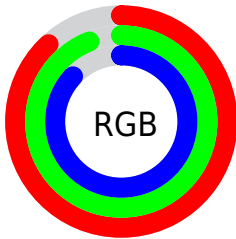
Format	Color
R_{YB}	223, 240, 238
Decimal	14807263
CIE Lab	93.30, -8.00, 6.51
CIE LCh	93, 10.317, 140.866
Yxy	83.6554, 0.3132, 0.3469
Android (android.graphics.Color)	4292997343 (0xFFE1F0DF)
YUV	233.5770, -5.2145, -7.5220
Hunter-Lab	91.4633, -12.6591, 10.8900

Details

The Yxy color **83.6554, 0.3132, 0.3469** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **77.2358, 0.3121, 0.3116**, and the grayscale version is **81.9865, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **45.6542, 0.3134, 0.3508** is the 20% darker color. If you saturate the color by 10%, you get **79.2619, 0.3137, 0.3749**, and if you desaturate by 10%, it is **88.6611, 0.3125, 0.3221**.

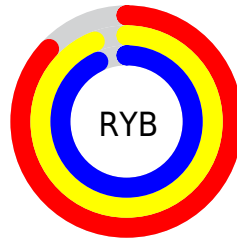
Distribution



Red (88%)

Green (94%)

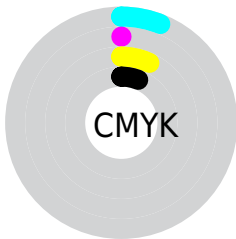
Blue (87%)



Red (87%)

Yellow (94%)

Blue (93%)

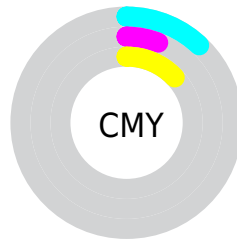


Cyan (6%)

Magenta (0%)

Yellow (7%)

Black (6%)



Cyan (12%)


Magenta (6%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 83.6554, 0.3132, 0.3469 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 83.6554, 0.3132, 0.3469 by changing the saturation by 10% instead.

 83.6554, 0.3132,
0.3469

 83.6554, 0.3132,
0.3469


507.1682, 0.3130,
0.3387

 62.7310, 0.3132,
0.3487


138.4930, 0.3132,
0.3441

 45.6236, 0.3133,
0.3510


173.1750, 0.3131,
0.3430

 31.9489, 0.3133,
0.3539


213.2116, 0.3131,
0.3420

 21.3225, 0.3133,
0.3576

258.9873, 0.3131,
0.3412

 13.3599, 0.3133,
0.3626

310.8864, 0.3131,
0.3405

 7.6769, 0.3132,
0.3698

369.2933, 0.3131,

 3.8889, 0.3130,

0.3398

0.3808

434.5925, 0.3130,
0.3392

■ 1.6116, 0.3123,
0.3999

■ 0.3654, 0.2937,
0.7063

■ 83.6554, 0.3132,
0.3469

■ 83.6554, 0.3132,
0.3469

■ 79.2619, 0.3137,
0.3749

■ 88.6611, 0.3125,
0.3221

■ 75.4467, 0.3140,
0.4060

■ 90.8045, 0.3134,
0.3146

■ 72.1890, 0.3139,
0.4396

■ 69.4626, 0.3133,
0.4745

■ 67.2390, 0.3122,
0.5089

■ 65.4871, 0.3105,
0.5405

■ 64.1725, 0.3082,
0.5667

■ 63.2557, 0.3057,
0.5855

■ 62.6892, 0.3031,
0.5960

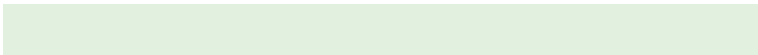
Harmonies

Analogous

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



83.6554, 0.3248, 0.3498



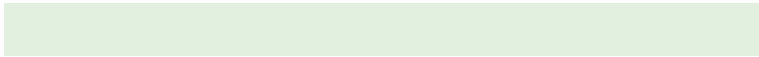
83.6554, 0.3132, 0.3469



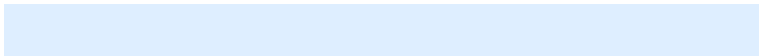
83.6554, 0.3017, 0.3389

Triad

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



83.6554, 0.3132, 0.3469



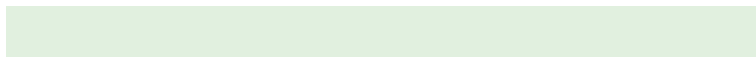
83.6554, 0.2925, 0.3110



83.6554, 0.3326, 0.3293

Complementary

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



83.6554, 0.3132, 0.3469



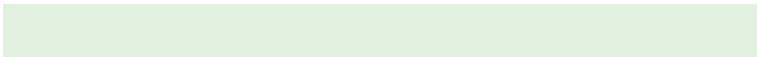
77.2358, 0.3121, 0.3116

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.



83.6554, 0.3237, 0.3194



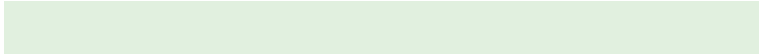
83.6554, 0.3132, 0.3469



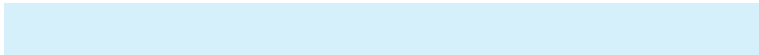
83.6554, 0.3005, 0.3089

Square

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



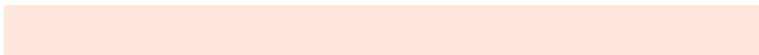
83.6554, 0.3132, 0.3469



83.6554, 0.2898, 0.3180



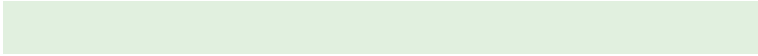
83.6554, 0.3119, 0.3120



83.6554, 0.3362, 0.3394

Rectangle

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



83.6554, 0.3132, 0.3469



83.6554, 0.2955, 0.3319



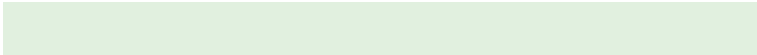
83.6554, 0.3119, 0.3120



83.6554, 0.3302, 0.3259

Sweetspot

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



83.6590, 0.3132, 0.3469



98.8330, 0.3129, 0.3339



84.8501, 0.3234, 0.3441



21.1666, 0.3129, 0.3337



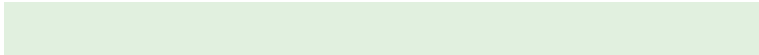
0.0000, 0.0000, 0.0000



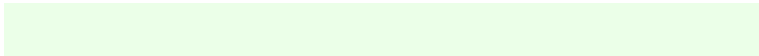
21.4041, 0.3127, 0.3290

Same Dimension

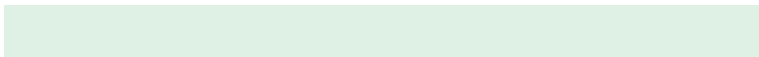
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.6590, 0.3132, 0.3469



94.9712, 0.3133, 0.3521



83.6801, 0.3081, 0.3403



17.7459, 0.3133, 0.3533



34.2824, 0.3030, 0.5976



2.8809, 0.3091, 0.5928

Inverse Universe

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



77.2358, 0.3121, 0.3116



85.7101, 0.3119, 0.3067



77.2216, 0.3176, 0.3180



15.9310, 0.3119, 0.3056



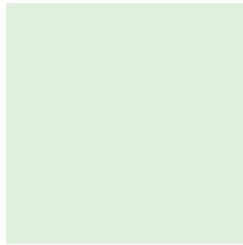
11.1129, 0.2913, 0.1378



0.9511, 0.2954, 0.1401

Previews

White Background



This preview shows how the Yxy color 83.6554, 0.3132, 0.3469 looks on a white background.

Color Contrast Check

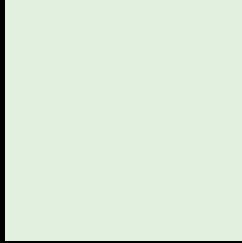
Large Text (above 18pt) WCAG AA × Fail

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 83.6554, 0.3132, 0.3469 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

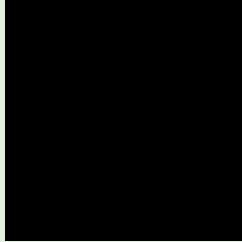
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

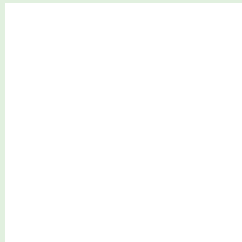
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 83.6554, 0.3132, 0.3469

Background



This preview shows how black text looks on a background with the Yxy color 83.6554, 0.3132, 0.3469.

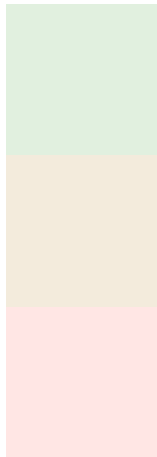


This preview shows how white text looks on a background with the Yxy color 83.6554, 0.3132, 0.3469.

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

83.6554, 0.3132, 0.3469

Protanopia

83.6387, 0.3277, 0.3444

Deuteranopia

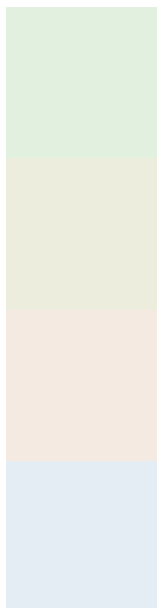
83.4551, 0.3314, 0.3310



Tritanopia

83.3954, 0.2980, 0.3097

Trichromacy



Original Color

83.6554, 0.3132, 0.3469

Protanomaly

83.6217, 0.3220, 0.3456

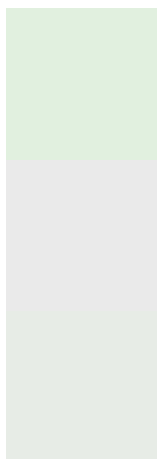
Deuteranomaly

83.5697, 0.3246, 0.3372

Tritanomaly

83.5334, 0.3032, 0.3228

Monochromacy



Original Color

83.6554, 0.3132, 0.3469

Achromatopsia

82.2786, 0.3127, 0.3290

Achromatomaly

82.6930, 0.3131, 0.3352

CSS Examples

Text

The CSS property to change the color of the text to Yxy 83.6554, 0.3132, 0.3469 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, 240, 223)` looks like.

```
.text, #text, p{  
    color:rgb(225, 240, 223)  
}
```

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, 240, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 240, 223) }
```

Border

The CSS property to change the border of an element to Yxy 83.6554, 0.3132, 0.3469 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, 240, 223) }
```

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

```
.border{ border-color:rgb(225, 240, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 240, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 240, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 240, 223);  
box-shadow:4px 4px 4px 4px rgb(225, 240,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 83.6554, 0.3132, 0.3469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 240, 223) }
```

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

```
.background{ background-color: rgb(225,  
240, 223) }
```

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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