

Converting Colors

$Yxy(88.0103, 0.3175, 0.3506)$

Have a look what the booklet for
Yxy(88.0103, 0.3175, 0.3506)
contains.

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Color

Yxy(88.0103, 0.3175, 0.3506)

Conversions

Conversions Part 1

Format	Color
Hex	E9F5E0
RGB	233, 245, 224
RGB Percent	91%, 96%, 88%
CMY	0.0865, 0.0391, 0.1215
CMYK	0.05, 0.00, 0.09, 0.04
HSL	94°, 51%, 92%
HSV	94°, 9%, 96%
XYZ	79.7013, 88.0103, 83.3161
YIQ	239.0180, -0.4110, -9.0750

Conversions

Conversions Part 2

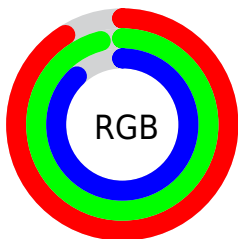
Format	Color
R_{YB}	224, 245, 236
Decimal	15332832
CIE _{Lab}	95.17, -7.66, 8.73
CIE _{LCh}	95, 11.619, 131.266
Yxy	88.0103, 0.3175, 0.3506
Android (android.graphics.Color)	4293522912 (0xFFE9F5E0)
YUV	239.0180, -7.4039, -5.2778
Hunter-Lab	93.8138, -12.5261, 13.0142

Details

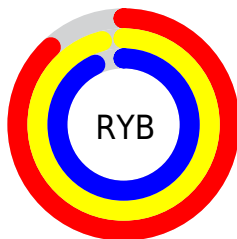
The Yxy color **88.0103, 0.3175, 0.3506** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **77.7579, 0.3076, 0.3076**, and the grayscale version is **86.3881, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.6069, 0.3181, 0.3555** is the 20% darker color. If you saturate the color by 10%, you get **84.5049, 0.3230, 0.3780**, and if you desaturate by 10%, it is **91.9037, 0.3119, 0.3256**.

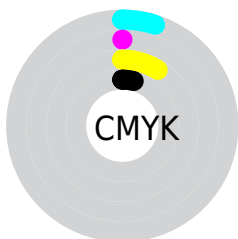
Distribution



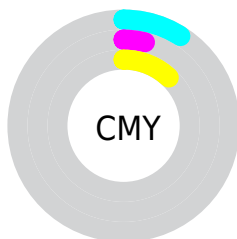
- Red (91%)
- Green (96%)
- Blue (88%)



- Red (88%)
- Yellow (96%)
- Blue (93%)



- Cyan (5%)
- Magenta (0%)
- Yellow (9%)
- Black (4%)



- Cyan (9%)
- Magenta (4%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 88.0103, 0.3175, 0.3506 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 88.0103, 0.3175, 0.3506 by changing the saturation by 10% instead.

88.0103, 0.3175,
0.3506

88.0103, 0.3175,
0.3506

521.5370, 0.3154,
0.3408

66.3316, 0.3179,
0.3528

144.5715, 0.3168,
0.3472

48.5416, 0.3185,
0.3555

180.2228, 0.3165,
0.3459

34.2560, 0.3191,
0.3588

221.3004, 0.3163,
0.3448

23.0903, 0.3200,
0.3632

268.1887, 0.3161,
0.3438

14.6602, 0.3210,
0.3690

321.2721, 0.3159,
0.3429

8.5813, 0.3224,
0.3772

380.9350, 0.3157,

4.4691, 0.3243,

0.3421

0.3896

447.5619, 0.3156,
0.3414

■ 1.9393, 0.3271,
0.4104

■ 0.5718, 0.3791,
0.6082

■ 88.0103, 0.3175,
0.3506

■ 88.0103, 0.3175,
0.3506

■ 84.5049, 0.3230,
0.3780

■ 91.9037, 0.3119,
0.3256

■ 81.3636, 0.3281,
0.4074

■ 93.7955, 0.3132,
0.3195

■ 78.5769, 0.3326,
0.4383

■ 76.1306, 0.3359,
0.4694

■ 74.0094, 0.3379,
0.4995

■ 72.1967, 0.3380,
0.5269

■ 70.6740, 0.3360,
0.5498

■ 69.4201, 0.3321,
0.5670

■ 68.4067, 0.3267,
0.5781

Harmonies

Analogous

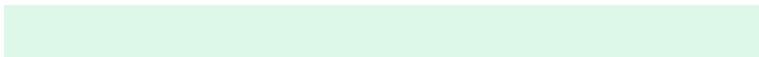
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.0103, 0.3296, 0.3517



88.0103, 0.3175, 0.3506



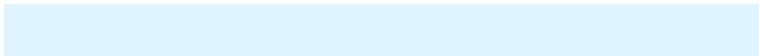
88.0103, 0.3043, 0.3433

Triad

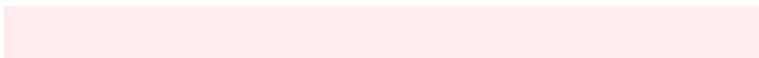
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.0103, 0.3175, 0.3506



88.0103, 0.2887, 0.3110



88.0103, 0.3322, 0.3257

Complementary

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



88.0103, 0.3175, 0.3506



77.7579, 0.3076, 0.3076

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.



88.0103, 0.3209, 0.3153



88.0103, 0.3175, 0.3506



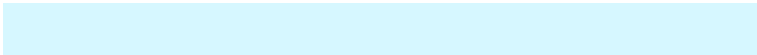
88.0103, 0.2958, 0.3069

Square

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



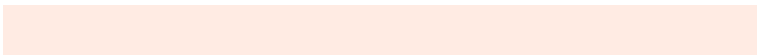
88.0103, 0.3175, 0.3506



88.0103, 0.2879, 0.3201



88.0103, 0.3075, 0.3085



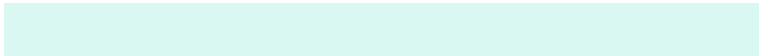
88.0103, 0.3382, 0.3371

Rectangle

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



88.0103, 0.3175, 0.3506



88.0103, 0.2967, 0.3360



88.0103, 0.3075, 0.3085



88.0103, 0.3288, 0.3220

Sweetspot

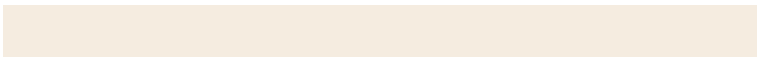
The Sweet Spot groups the original color and five complimentary colors.



88.0141, 0.3175, 0.3506



98.6933, 0.3144, 0.3364



84.7406, 0.3264, 0.3411



21.0511, 0.3148, 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.



88.0141, 0.3175, 0.3506



95.7927, 0.3183, 0.3544



86.6237, 0.3109, 0.3495



18.8168, 0.3180, 0.3530



36.8539, 0.3271, 0.5785



3.2983, 0.3368, 0.5708

Inverse Universe

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



77.7579, 0.3076, 0.3076



82.7946, 0.3066, 0.3038



79.2425, 0.3146, 0.3093



16.3965, 0.3070, 0.3052



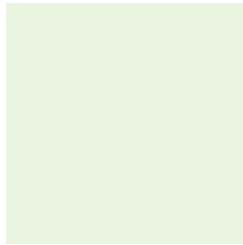
6.6713, 0.2175, 0.0972



0.6468, 0.2300, 0.1041

Previews

White Background



This preview shows how the Yxy color 88.0103, 0.3175, 0.3506 looks on a white background.

Color Contrast Check

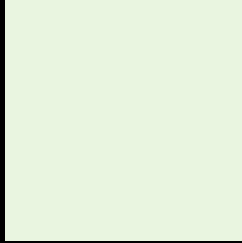
Large Text (above 18pt) WCAG AA × Fail

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 88.0103, 0.3175, 0.3506 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

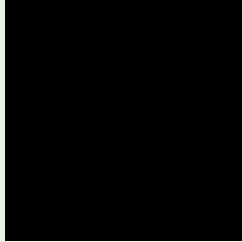
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

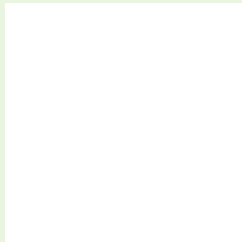
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.0103, 0.3175, 0.3506

Background



This preview shows how black text looks on a background with the Yxy color 88.0103, 0.3175, 0.3506.

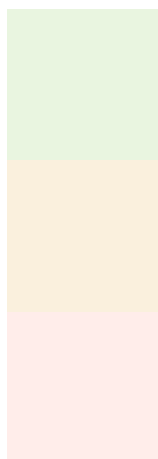


This preview shows how white text looks on a background with the Yxy color 88.0103, 0.3175, 0.3506.

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

88.0103, 0.3175, 0.3506

Protanopia

87.8646, 0.3313, 0.3480

Deuteranopia

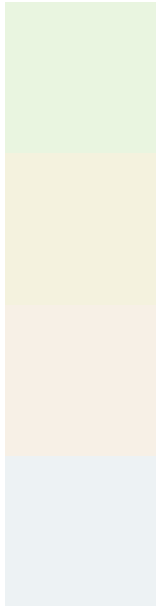
87.7689, 0.3267, 0.3320



Tritanopia

87.8909, 0.3031, 0.3141

Trichromacy



Original Color

88.0103, 0.3175, 0.3506

Protanomaly

88.0113, 0.3263, 0.3492

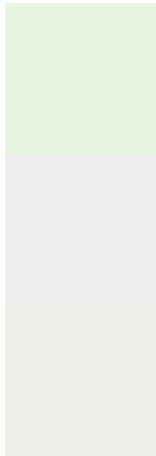
Deuteranomaly

87.8075, 0.3236, 0.3390

Tritanomaly

88.0404, 0.3083, 0.3270

Monochromacy



Original Color

88.0103, 0.3175, 0.3506

Achromatopsia

86.3157, 0.3127, 0.3290

Achromatomaly

86.8556, 0.3143, 0.3361

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.0103, 0.3175, 0.3506 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(233, 245, 224)` looks like.

```
.text, #text, p{  
    color:rgb(233, 245, 224)  
}
```

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(233, 245, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 245, 224) }
```

Border

The CSS property to change the border of an element to Yxy 88.0103, 0.3175, 0.3506 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(233, 245, 224) }
```

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

```
.border{ border-color:rgb(233, 245, 224) }
```

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

Here you see how a box with a 4 pixel rgb(233, 245, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 245, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 245, 224);  
box-shadow:4px 4px 4px 4px rgb(233, 245,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 88.0103, 0.3175, 0.3506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 245, 224) }
```

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

```
.background{ background-color: rgb(233,  
245, 224) }
```

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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