

Converting Colors

$Yxy(88.1738, 0.3133, 0.3444)$

Have a look what the booklet for
Yxy(88.1738, 0.3133, 0.3444)
contains.

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Color

Yxy(88.1738, 0.3133, 0.3444)

Conversions

Conversions Part 1

Format	Color
Hex	E8F5E6
RGB	232, 245, 230
RGB Percent	91%, 96%, 90%
CMY	0.0902, 0.0392, 0.0981
CMYK	0.05, 0.00, 0.06, 0.04
HSL	112°, 43%, 93%
HSV	112°, 6%, 96%
XYZ	80.2115, 88.1738, 87.6362
YIQ	239.4030, -2.9330, -7.4210

Conversions

Conversions Part 2

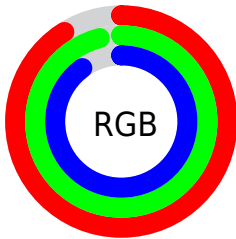
Format	Color
R _Y B	230, 245, 243
Decimal	15267302
CIE Lab	95.23, -6.96, 5.74
CIE LCh	95, 9.021, 140.453
Yxy	88.1738, 0.3133, 0.3444
Android (android.graphics.Color)	4293457382 (0xFFE8F5E6)
YUV	239.4030, -4.6357, -6.4924
Hunter-Lab	93.9009, -11.8493, 10.3963

Details

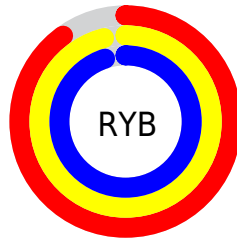
The Yxy color **88.1738, 0.3133, 0.3444** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **82.2252, 0.3120, 0.3139**, and the grayscale version is **86.6869, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.7204, 0.3127, 0.3475** is the 20% darker color. If you saturate the color by 10%, you get **83.5602, 0.3141, 0.3721**, and if you desaturate by 10%, it is **93.4163, 0.3123, 0.3199**.

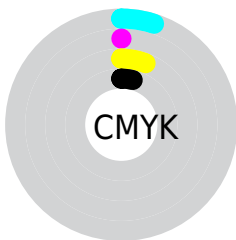
Distribution



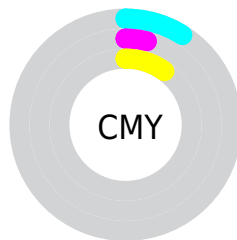
- Red (91%)
- Green (96%)
- Blue (90%)



- Red (90%)
- Yellow (96%)
- Blue (95%)



- Cyan (5%)
- Magenta (0%)
- Yellow (6%)
- Black (4%)




- Cyan (9%)
- Magenta (4%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.1738, 0.3133, 0.3444 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 88.1738, 0.3133, 0.3444 by changing the saturation by 10% instead.


 88.1738, 0.3133,
0.3444

 88.1738, 0.3133,
0.3444

522.0722, 0.3131,
0.3374

 66.4670, 0.3133,
0.3460

144.7991, 0.3132,
0.3420

 48.6516, 0.3134,
0.3479


180.4864, 0.3132,
0.3411

 34.3432, 0.3134,
0.3502


221.6027, 0.3132,
0.3403

 23.1574, 0.3135,
0.3533

268.5323, 0.3132,
0.3396

 14.7098, 0.3136,
0.3574

321.6597, 0.3131,
0.3389

 8.6159, 0.3136,
0.3632

381.3692, 0.3131,

 4.4915, 0.3136,

0.3384

0.3719

448.0452, 0.3131,
0.3379

■ 1.9521, 0.3134,
0.3866

■ 0.5794, 0.3202,
0.4870

■ 88.1738, 0.3133,
0.3444

■ 88.1738, 0.3133,
0.3444

■ 83.5602, 0.3141,
0.3721

■ 93.4163, 0.3123,
0.3199

■ 79.5411, 0.3147,
0.4028

■ 93.7895, 0.3132,
0.3194

■ 76.0955, 0.3148,
0.4361

■ 73.1970, 0.3145,
0.4709

■ 70.8174, 0.3135,
0.5053

■ 68.9254, 0.3119,
0.5372

■ 67.4868, 0.3096,
0.5639

■ 66.4624, 0.3069,
0.5834

■ 65.8061, 0.3040,
0.5948

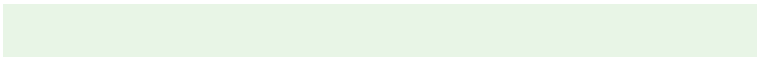
Harmonies

Analogous

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



88.1738, 0.3232, 0.3469



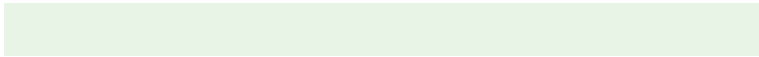
88.1738, 0.3133, 0.3444



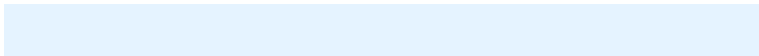
88.1738, 0.3033, 0.3376

Triad

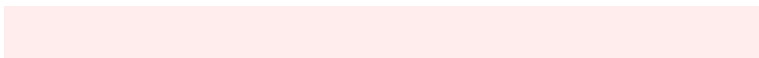
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.1738, 0.3133, 0.3444



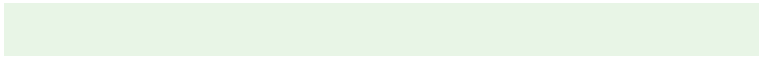
88.1738, 0.2953, 0.3136



88.1738, 0.3297, 0.3292

Complementary

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



88.1738, 0.3133, 0.3444



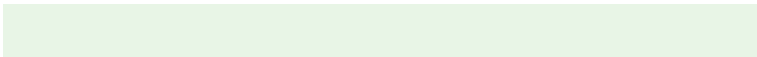
82.2252, 0.3120, 0.3139

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.



88.1738, 0.3220, 0.3206



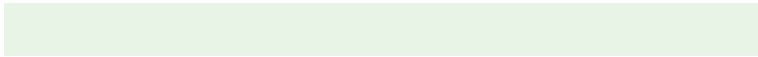
88.1738, 0.3133, 0.3444



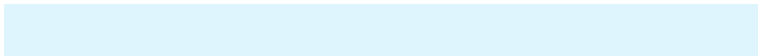
88.1738, 0.3021, 0.3117

Square

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



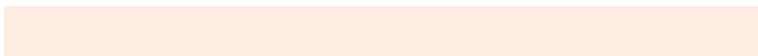
88.1738, 0.3133, 0.3444



88.1738, 0.2930, 0.3197



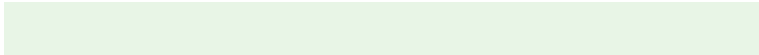
88.1738, 0.3119, 0.3143



88.1738, 0.3328, 0.3379

Rectangle

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



88.1738, 0.3133, 0.3444



88.1738, 0.2980, 0.3316



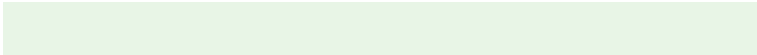
88.1738, 0.3119, 0.3143



88.1738, 0.3276, 0.3262

Sweetspot

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



88.1776, 0.3133, 0.3444



98.8485, 0.3129, 0.3339



89.0792, 0.3220, 0.3418



21.1697, 0.3129, 0.3337



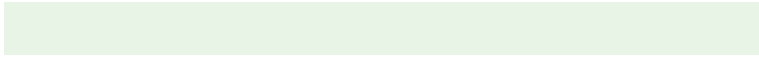
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

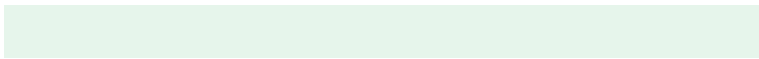
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.1776, 0.3133, 0.3444



96.0908, 0.3134, 0.3467



88.1405, 0.3089, 0.3390



18.7735, 0.3134, 0.3482



35.3889, 0.3036, 0.5971



3.1431, 0.3099, 0.5921

Inverse Universe

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



82.2252, 0.3120, 0.3139



88.6818, 0.3119, 0.3117



82.2708, 0.3168, 0.3192



17.2088, 0.3119, 0.3103



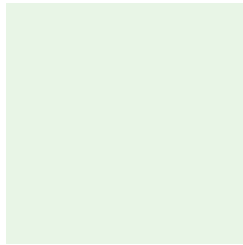
11.1349, 0.2871, 0.1355



1.0094, 0.2916, 0.1380

Previews

White Background



This preview shows how the Yxy color 88.1738, 0.3133, 0.3444 looks on a white background.

Color Contrast Check

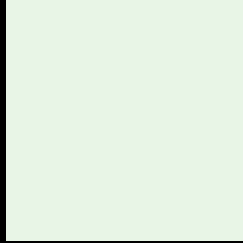
Large Text (above 18pt) WCAG AA × Fail

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 88.1738, 0.3133, 0.3444 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

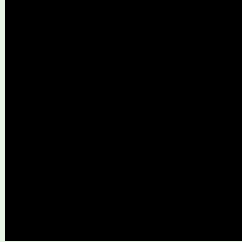
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

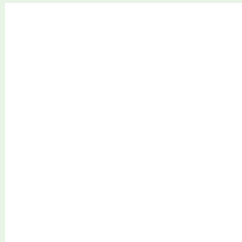
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.1738, 0.3133, 0.3444

Background



This preview shows how black text looks on a background with the Yxy color 88.1738, 0.3133, 0.3444.

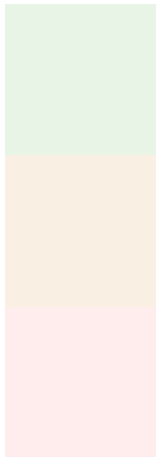


This preview shows how white text looks on a background with the Yxy color 88.1738, 0.3133, 0.3444.

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

88.1738, 0.3133, 0.3444

Protanopia

88.0060, 0.3268, 0.3420

Deuteranopia

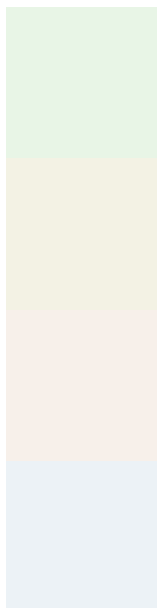
87.9428, 0.3248, 0.3290



Tritanopia

88.3077, 0.3025, 0.3151

Trichromacy



Original Color

88.1738, 0.3133, 0.3444

Protanomaly

88.1604, 0.3219, 0.3431

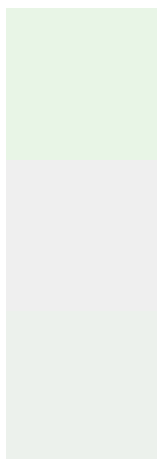
Deuteranomaly

88.0348, 0.3210, 0.3350

Tritanomaly

87.9909, 0.3065, 0.3250

Monochromacy



Original Color

88.1738, 0.3133, 0.3444

Achromatopsia

86.3157, 0.3127, 0.3290

Achromatomaly

86.7996, 0.3125, 0.3341

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.1738, 0.3133, 0.3444 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(232, 245, 230)` looks like.

```
.text, #text, p{  
    color:rgb(232, 245, 230)  
}
```

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(232, 245, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 245, 230) }
```

Border

The CSS property to change the border of an element to Yxy 88.1738, 0.3133, 0.3444 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(232, 245, 230) }
```

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

```
.border{ border-color:rgb(232, 245, 230) }
```

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

Here you see how a box with a 4 pixel rgb(232, 245, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 245, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 245, 230);  
box-shadow:4px 4px 4px 4px rgb(232, 245,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 88.1738, 0.3133, 0.3444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 245, 230) }
```

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

```
.background{ background-color: rgb(232,  
245, 230) }
```

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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