

Converting Colors

$Yxy(88.1812, 0.3054, 0.3385)$

Have a look what the booklet for
Yxy(88.1812, 0.3054, 0.3385)
contains.

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Color

Yxy(88.1947, 0.3053, 0.3382)

Conversions

Conversions Part 1

Format	Color
Hex	E2F6ED
RGB	226, 246, 237
RGB Percent	89%, 96%, 93%
CMY	0.1136, 0.0353, 0.0705
CMYK	0.08, 0.00, 0.04, 0.04
HSL	153°, 53%, 93%
HSV	153°, 8%, 96%
XYZ	79.6151, 88.1947, 92.9669
YIQ	238.9940, -9.0310, -7.0390

Conversions

Conversions Part 2

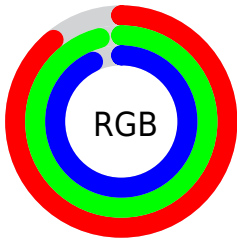
Format	Color
R _Y B	226, 239, 246
Decimal	14874349
CIE Lab	95.24, -8.17, 2.06
CIE LCh	95, 8.424, 165.840
Yxy	88.1947, 0.3053, 0.3382
Android (android.graphics.Color)	4293064429 (0xFFE2F6ED)
YUV	238.9940, -0.9830, -11.3957
Hunter-Lab	93.9120, -13.0204, 7.0451

Details

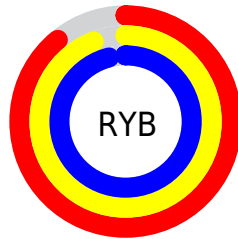
The Yxy color **88.1947, 0.3053, 0.3382** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **79.9987, 0.3208, 0.3200**, and the grayscale version is **86.3315, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.8210, 0.3041, 0.3409** is the 20% darker color. If you saturate the color by 10%, you get **83.8758, 0.2964, 0.3507**, and if you desaturate by 10%, it is **93.1314, 0.3144, 0.3270**.

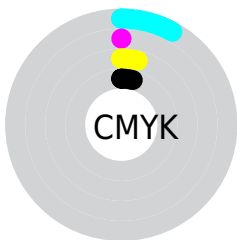
Distribution



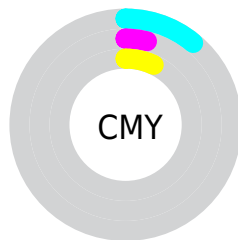
- Red (89%)
- Green (96%)
- Blue (93%)



- Red (89%)
- Yellow (94%)
- Blue (96%)



- Cyan (8%)
- Magenta (0%)
- Yellow (4%)
- Black (4%)




- Cyan (11%)
- Magenta (4%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.1947, 0.3053, 0.3382 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 88.1947, 0.3053, 0.3382 by changing the saturation by 10% instead.

 88.1947, 0.3053,
0.3382

 88.1947, 0.3053,
0.3382


522.1406, 0.3086,
0.3341

 66.4843, 0.3046,
0.3391


144.8282, 0.3064,
0.3368

 48.6657, 0.3037,
0.3402


180.5201, 0.3069,
0.3362

 34.3543, 0.3025,
0.3416


221.6413, 0.3073,
0.3357

 23.1659, 0.3011,
0.3435

268.5762, 0.3076,
0.3353

 14.7161, 0.2992,
0.3459

321.7092, 0.3079,
0.3350

 8.6204, 0.2965,
0.3492

381.4247, 0.3082,

 4.4944, 0.2925,

0.3346

0.3543

448.1070, 0.3084,
0.3343

■ 1.9538, 0.2858,
0.3628

■ 0.5804, 0.2480,
0.4086

■ 88.1947, 0.3053,
0.3382

■ 88.1947, 0.3053,
0.3382

■ 83.8758, 0.2964,
0.3507

■ 93.1314, 0.3144,
0.3270

■ 80.1386, 0.2880,
0.3646

■ 94.3890, 0.3131,
0.3204

■ 76.9603, 0.2804,
0.3797

■ 74.3121, 0.2739,
0.3959

■ 72.1625, 0.2688,
0.4130

■ 70.4768, 0.2656,
0.4307

■ 69.2153, 0.2643,
0.4485

■ 68.3315, 0.2651,
0.4661

■ 67.7615, 0.2678,
0.4829

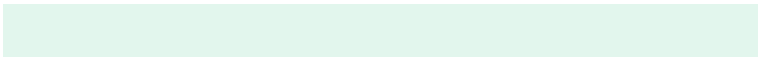
Harmonies

Analogous

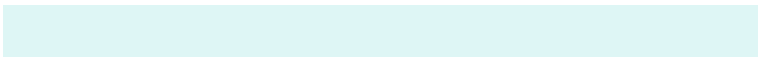
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.1947, 0.3148, 0.3440



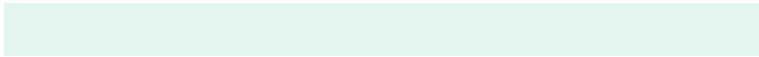
88.1947, 0.3053, 0.3382



88.1947, 0.2979, 0.3299

Triad

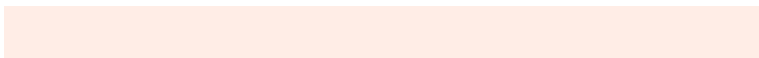
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.1947, 0.3053, 0.3382



88.1947, 0.3016, 0.3128



88.1947, 0.3314, 0.3361

Complementary

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



88.1947, 0.3053, 0.3382



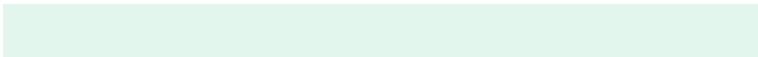
79.9987, 0.3208, 0.3200

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.



88.1947, 0.3277, 0.3279



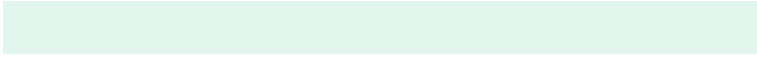
88.1947, 0.3053, 0.3382



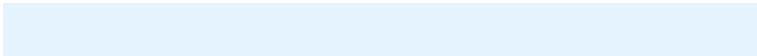
88.1947, 0.3105, 0.3146

Square

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



88.1947, 0.3053, 0.3382



88.1947, 0.2958, 0.3152



88.1947, 0.3200, 0.3201



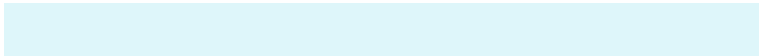
88.1947, 0.3299, 0.3427

Rectangle

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



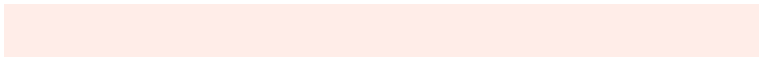
88.1947, 0.3053, 0.3382



88.1947, 0.2951, 0.3241



88.1947, 0.3200, 0.3201



88.1947, 0.3307, 0.3335

Sweetspot

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



88.1984, 0.3053, 0.3382



98.8988, 0.3109, 0.3312



89.0662, 0.3176, 0.3494



21.1800, 0.3110, 0.3311



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.



88.1984, 0.3053, 0.3382



94.7644, 0.3036, 0.3405



88.1303, 0.3001, 0.3279



18.6248, 0.3041, 0.3398



36.1509, 0.2676, 0.4833



3.1980, 0.2617, 0.4622

Inverse Universe

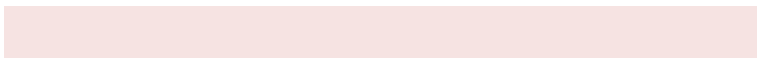
The Inverse Universe completely reimagines the original color for something new.



79.9987, 0.3208, 0.3200



83.9239, 0.3229, 0.3178



80.0379, 0.3267, 0.3301



16.6063, 0.3223, 0.3184



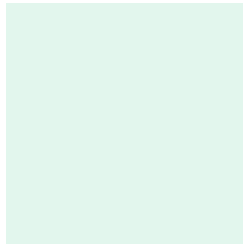
11.0921, 0.5175, 0.2625



0.9953, 0.4867, 0.2455

Previews

White Background



This preview shows how the Yxy color 88.1947, 0.3053, 0.3382 looks on a white background.

Color Contrast Check

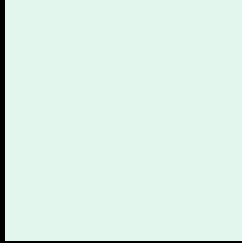
Large Text (above 18pt) WCAG AA × Fail

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 88.1947, 0.3053, 0.3382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

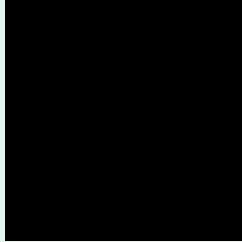
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

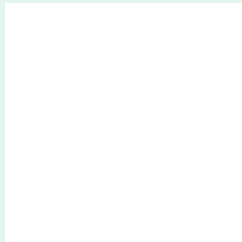
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.1947, 0.3053, 0.3382

Background



This preview shows how black text looks on a background with the Yxy color 88.1947, 0.3053, 0.3382.

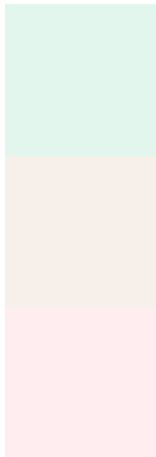


This preview shows how white text looks on a background with the Yxy color 88.1947, 0.3053, 0.3382.

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

88.1947, 0.3053, 0.3382

Protanopia

88.0348, 0.3210, 0.3350

Deuteranopia

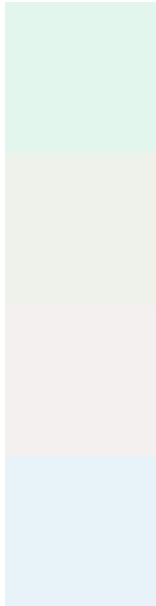
88.1196, 0.3229, 0.3261



Tritanopia

88.2167, 0.2999, 0.3160

Trichromacy



Original Color

88.1947, 0.3053, 0.3382

Protanomaly

87.8531, 0.3150, 0.3361

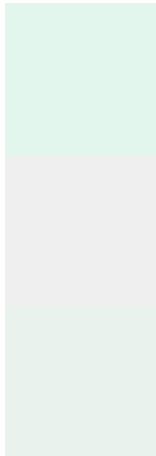
Deuteranomaly

87.7853, 0.3160, 0.3300

Tritanomaly

87.8674, 0.3021, 0.3239

Monochromacy



Original Color

88.1947, 0.3053, 0.3382

Achromatopsia

86.3157, 0.3127, 0.3290

Achromatomaly

87.1697, 0.3099, 0.3331

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.1947, 0.3053, 0.3382 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(226, 246, 237)` looks like.

```
.text, #text, p{  
    color:rgb(226, 246, 237)  
}
```

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(226, 246, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 246, 237) }
```

Border

The CSS property to change the border of an element to Yxy 88.1947, 0.3053, 0.3382 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(226, 246, 237) }
```

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

```
.border{ border-color:rgb(226, 246, 237) }
```

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

Here you see how a box with a 4 pixel rgb(226, 246, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 246, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 246, 237);  
box-shadow:4px 4px 4px 4px rgb(226, 246,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 88.1947, 0.3053, 0.3382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 246, 237) }
```

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

```
.background{ background-color: rgb(226,  
246, 237) }
```

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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