

Converting Colors

Yxy(88.4712, 0.3091, 0.3368)

Have a look what the booklet for
Yxy(88.4712, 0.3091, 0.3368)
contains.

Yxy(88.5750, 0.3091, 0.3371)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(88.5750, 0.3091, 0.3371)

Conversions

Conversions Part 1

Format	Color
Hex	E8F5ED
RGB	232, 245, 237
RGB Percent	91%, 96%, 93%
CMY	0.0902, 0.0392, 0.0704
CMYK	0.05, 0.00, 0.03, 0.04
HSL	143°, 39%, 94%
HSV	143°, 5%, 96%
XYZ	81.2178, 88.5750, 92.9630
YIQ	240.2010, -5.1800, -5.2440

Conversions

Conversions Part 2

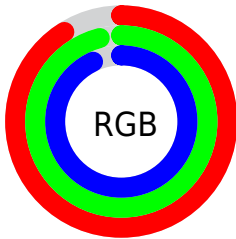
Format	Color
R _Y B	232, 241, 245
Decimal	15267309
CIE Lab	95.40, -5.71, 2.34
CIE LCh	95, 6.175, 157.743
Yxy	88.5750, 0.3091, 0.3371
Android (android.graphics.Color)	4293457389 (0xFFE8F5ED)
YUV	240.2010, -1.5781, -7.1923
Hunter-Lab	94.1143, -10.6598, 7.3153

Details

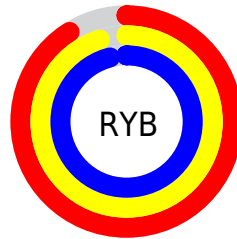
The Yxy color **88.5750, 0.3091, 0.3371** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.4087, 0.3165, 0.3210**, and the grayscale version is **87.3211, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.9615, 0.3081, 0.3395** is the 20% darker color. If you saturate the color by 10%, you get **83.9200, 0.3023, 0.3538**, and if you desaturate by 10%, it is **93.5990, 0.3149, 0.3223**.

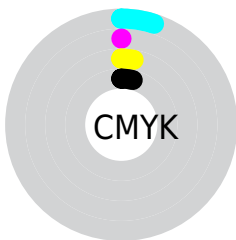
Distribution



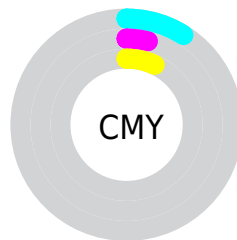
- Red (91%)
- Green (96%)
- Blue (93%)



- Red (91%)
- Yellow (95%)
- Blue (96%)



- Cyan (5%)
- Magenta (0%)
- Yellow (3%)
- Black (4%)





- Cyan (9%)
- Magenta (4%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.5750, 0.3091, 0.3371 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 88.5750, 0.3091, 0.3371 by changing the saturation by 10% instead.


 88.5750, 0.3091,
0.3371

 88.5750, 0.3091,
0.3371


523.3844, 0.3107,
0.3335

 66.7994, 0.3087,
0.3379


145.3574, 0.3097,
0.3359

 48.9216, 0.3083,
0.3389


181.1330, 0.3099,
0.3354

 34.5573, 0.3077,
0.3401


222.3440, 0.3101,
0.3349

 23.3221, 0.3070,
0.3417

269.3748, 0.3102,
0.3346

 14.8315, 0.3061,
0.3438

322.6099, 0.3104,
0.3343

 8.7012, 0.3048,
0.3468

382.4336, 0.3105,

 4.5468, 0.3028,

0.3340

0.3512

449.2303, 0.3106,
0.3337

■ 1.9839, 0.2994,
0.3586

■ 0.5981, 0.2832,
0.3948

■ 88.5750, 0.3091,
0.3371

■ 88.5750, 0.3091,
0.3371

■ 83.9200, 0.3023,
0.3538

■ 93.5990, 0.3149,
0.3223

■ 79.8809, 0.2958,
0.3725

■ 93.7885, 0.3132,
0.3194

■ 76.4343, 0.2899,
0.3930

■ 73.5514, 0.2847,
0.4152

■ 71.2005, 0.2806,
0.4387

■ 69.3468, 0.2781,
0.4629

■ 67.9512, 0.2774,
0.4868

■ 66.9685, 0.2785,
0.5096

■ 66.3430, 0.2814,
0.5304

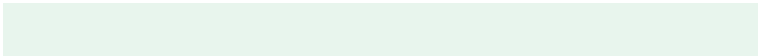
Harmonies

Analogous

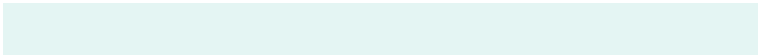
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.5750, 0.3161, 0.3406



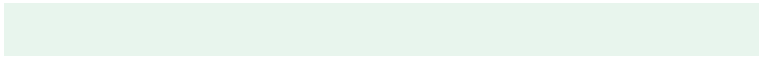
88.5750, 0.3091, 0.3371



88.5750, 0.3031, 0.3314

Triad

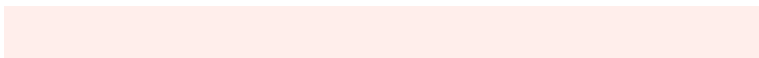
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.5750, 0.3091, 0.3371



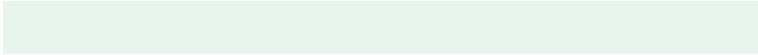
88.5750, 0.3031, 0.3173



88.5750, 0.3260, 0.3327

Complementary

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



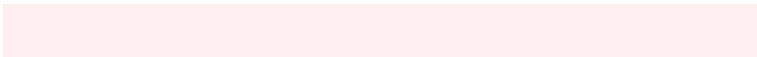
88.5750, 0.3091, 0.3371



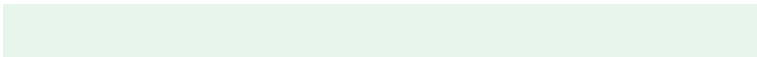
83.4087, 0.3165, 0.3210

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.



88.5750, 0.3224, 0.3266



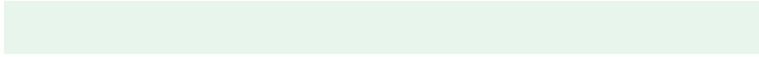
88.5750, 0.3091, 0.3371



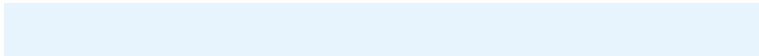
88.5750, 0.3092, 0.3178

Square

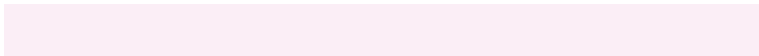
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



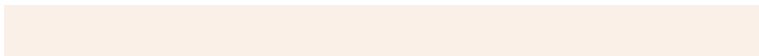
88.5750, 0.3091, 0.3371



88.5750, 0.2997, 0.3199



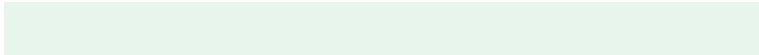
88.5750, 0.3163, 0.3211



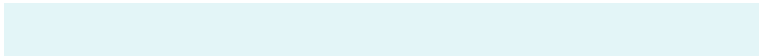
88.5750, 0.3259, 0.3380

Rectangle

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



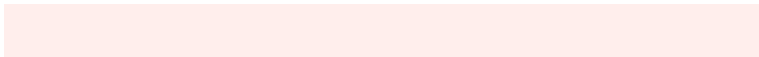
88.5750, 0.3091, 0.3371



88.5750, 0.3004, 0.3271



88.5750, 0.3163, 0.3211



88.5750, 0.3252, 0.3307

Sweetspot

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



88.5788, 0.3091, 0.3371



98.8460, 0.3114, 0.3320



89.6620, 0.3173, 0.3421



21.1692, 0.3114, 0.3318



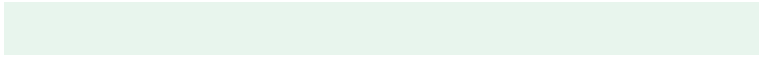
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

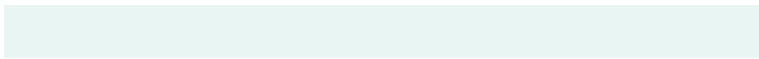
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.5788, 0.3091, 0.3371



96.6241, 0.3086, 0.3382



88.9628, 0.3053, 0.3305



18.8716, 0.3082, 0.3392



35.6513, 0.2823, 0.5363



3.1529, 0.2753, 0.5112

Inverse Universe

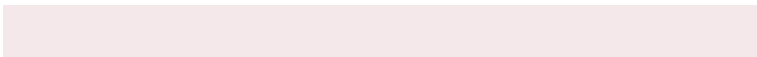
The Inverse Universe completely reimagines the original color for something new.



83.4087, 0.3165, 0.3210



90.2474, 0.3170, 0.3200



83.0321, 0.3206, 0.3275



17.4974, 0.3175, 0.3190



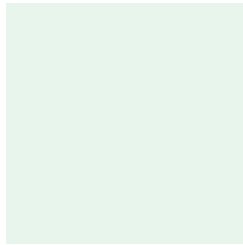
11.6720, 0.4491, 0.2248



1.0460, 0.4287, 0.2135

Previews

White Background



This preview shows how the Yxy color 88.5750, 0.3091, 0.3371 looks on a white background.

Color Contrast Check

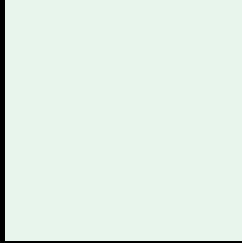
Large Text (above 18pt) WCAG AA × Fail

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 88.5750, 0.3091, 0.3371 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

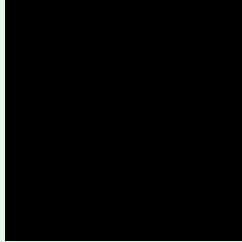
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

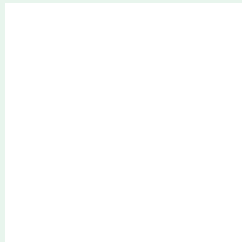
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.5750, 0.3091, 0.3371

Background



This preview shows how black text looks on a background with the Yxy color 88.5750, 0.3091, 0.3371.

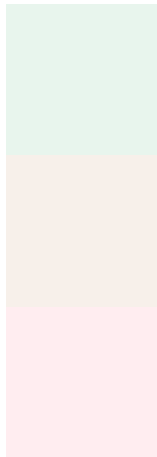


This preview shows how white text looks on a background with the Yxy color 88.5750, 0.3091, 0.3371.

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

88.5750, 0.3091, 0.3371

Protanopia

88.0348, 0.3210, 0.3350

Deuteranopia

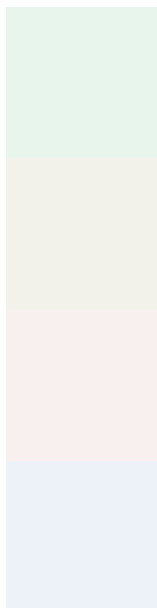
88.1196, 0.3229, 0.3261



Tritanopia

88.3077, 0.3025, 0.3151

Trichromacy



Original Color

88.5750, 0.3091, 0.3371

Protanomaly

88.3797, 0.3170, 0.3360

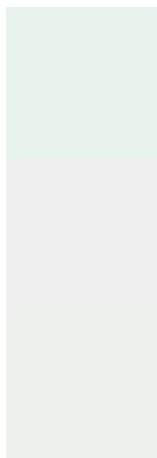
Deuteranomaly

88.3263, 0.3179, 0.3300

Tritanomaly

88.1144, 0.3053, 0.3230

Monochromacy



Original Color

88.5750, 0.3091, 0.3371

Achromatopsia

87.1367, 0.3127, 0.3290

Achromatomaly

87.7408, 0.3113, 0.3320

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.5750, 0.3091, 0.3371 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, 237)` looks like.

```
.text, #text, p{  
    color:rgb(232, 245, 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(232, 245, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 245, 237) }
```

Border

The CSS property to change the border of an element to Yxy 88.5750, 0.3091, 0.3371 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, 237) }
```

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

```
.border{ border-color:rgb(232, 245, 237) }
```

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, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 245, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 245, 237);  
box-shadow:4px 4px 4px 4px rgb(232, 245,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 88.5750, 0.3091, 0.3371 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, 237) }
```

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

```
.background{ background-color: rgb(232,  
245, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor