

Converting Colors

Yxy(88.9117, 0.3163, 0.3534)

Have a look what the booklet for
Yxy(88.9117, 0.3163, 0.3534)
contains.

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Color

Yxy(88.8382, 0.3167, 0.3537)

Conversions

Conversions Part 1

Format	Color
Hex	E7F7DF
RGB	231, 247, 223
RGB Percent	91%, 97%, 87%
CMY	0.0940, 0.0314, 0.1254
CMYK	0.06, 0.00, 0.10, 0.03
HSL	100°, 60%, 92%
HSV	100°, 10%, 97%
XYZ	79.5450, 88.8382, 82.7850
YIQ	239.4800, -1.8320, -10.8560

Conversions

Conversions Part 2

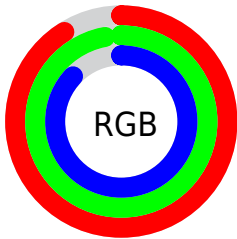
Format	Color
R_{YB}	223, 247, 239
Decimal	15202271
CIE _{Lab}	95.51, -9.47, 9.72
CIE _{LCh}	96, 13.572, 134.246
Yxy	88.8382, 0.3167, 0.3537
Android (android.graphics.Color)	4293392351 (0xFFE7F7DF)
YUV	239.4800, -8.1246, -7.4370
Hunter-Lab	94.2540, -14.3008, 13.9023

Details

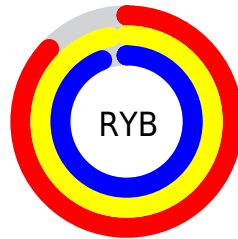
The Yxy color **88.8382, 0.3167, 0.3537** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **77.8543, 0.3083, 0.3047**, and the grayscale version is **86.7829, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.2027, 0.3170, 0.3596** is the 20% darker color. If you saturate the color by 10%, you get **84.9946, 0.3206, 0.3817**, and if you desaturate by 10%, it is **93.1411, 0.3126, 0.3283**.

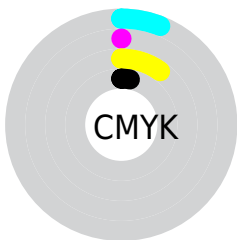
Distribution



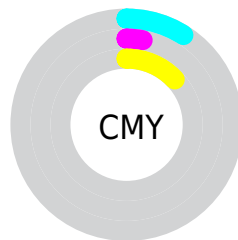
- Red (91%)
- Green (97%)
- Blue (87%)



- Red (87%)
- Yellow (97%)
- Blue (94%)



- Cyan (6%)
- Magenta (0%)
- Yellow (10%)
- Black (3%)





- Cyan (9%)
- Magenta (3%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.8382, 0.3167, 0.3537 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 88.8382, 0.3167, 0.3537 by changing the saturation by 10% instead.


 88.8382, 0.3167,
0.3537

 88.8382, 0.3167,
0.3537

524.2443, 0.3150,
0.3425

 67.0175, 0.3171,
0.3562


145.7235, 0.3161,
0.3499

 49.0988, 0.3175,
0.3593


181.5569, 0.3159,
0.3484

 34.6979, 0.3180,
0.3631


222.8300, 0.3157,
0.3470

 23.4302, 0.3186,
0.3681

269.9271, 0.3155,
0.3459

 14.9115, 0.3194,
0.3748

323.2327, 0.3154,
0.3449

 8.7573, 0.3204,
0.3842

383.1312, 0.3152,

 4.5832, 0.3217,

0.3440

0.3984

450.0069, 0.3151,
0.3432

■ 2.0049, 0.3232,
0.4223

■ 0.6103, 0.3637,
0.6363

■ 88.8382, 0.3167,
0.3537

■ 88.8382, 0.3167,
0.3537

■ 84.9946, 0.3206,
0.3817

■ 93.1411, 0.3126,
0.3283

■ 81.5835, 0.3242,
0.4121

■ 94.9987, 0.3131,
0.3214

■ 78.5922, 0.3271,
0.4440

■ 76.0033, 0.3289,
0.4764

■ 73.7981, 0.3295,
0.5077

■ 71.9560, 0.3284,
0.5360

■ 70.4544, 0.3257,
0.5594

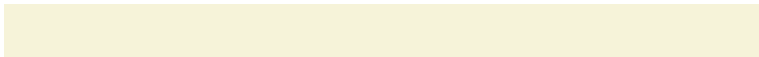
■ 69.2672, 0.3215,
0.5764

■ 68.3579, 0.3162,
0.5870

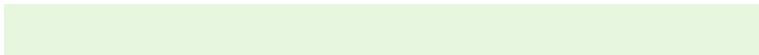
Harmonies

Analogous

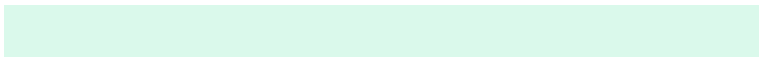
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.8382, 0.3311, 0.3557



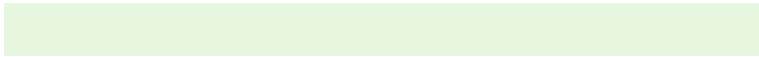
88.8382, 0.3167, 0.3537



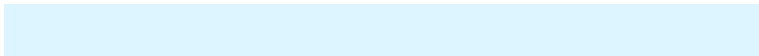
88.8382, 0.3015, 0.3445

Triad

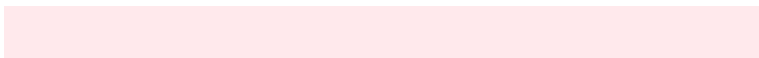
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.8382, 0.3167, 0.3537



88.8382, 0.2853, 0.3072



88.8382, 0.3364, 0.3264

Complementary

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



88.8382, 0.3167, 0.3537



77.8543, 0.3083, 0.3047

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.



88.8382, 0.3236, 0.3142



88.8382, 0.3167, 0.3537



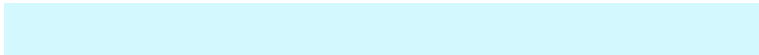
88.8382, 0.2942, 0.3032

Square

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



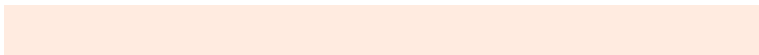
88.8382, 0.3167, 0.3537



88.8382, 0.2836, 0.3173



88.8382, 0.3082, 0.3058



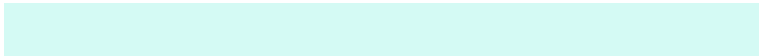
88.8382, 0.3427, 0.3396

Rectangle

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



88.8382, 0.3167, 0.3537



88.8382, 0.2929, 0.3357



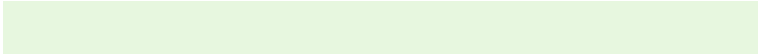
88.8382, 0.3082, 0.3058



88.8382, 0.3327, 0.3221

Sweetspot

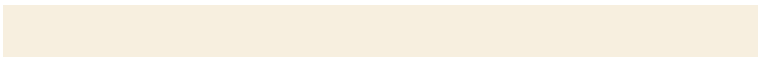
The Sweet Spot groups the original color and five complimentary colors.



88.8420, 0.3167, 0.3537



98.5634, 0.3140, 0.3364



86.6054, 0.3281, 0.3447



21.0161, 0.3143, 0.3384



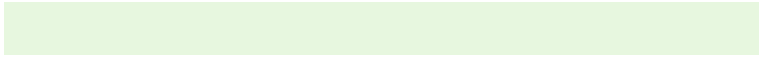
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

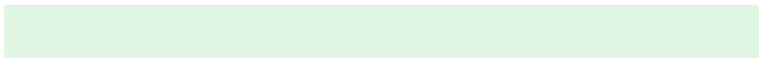
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.8420, 0.3167, 0.3537



94.5209, 0.3176, 0.3600



87.7363, 0.3094, 0.3502



18.7408, 0.3166, 0.3531



36.2105, 0.3172, 0.5864



3.2365, 0.3266, 0.5789

Inverse Universe

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



77.8543, 0.3083, 0.3047



80.1198, 0.3072, 0.2987



79.0585, 0.3162, 0.3086



16.4750, 0.3084, 0.3053



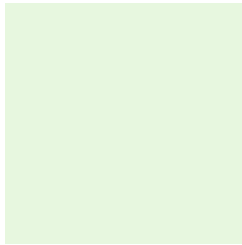
7.8357, 0.2382, 0.1086



0.7447, 0.2487, 0.1143

Previews

White Background



This preview shows how the Yxy color 88.8382, 0.3167, 0.3537 looks on a white background.

Color Contrast Check

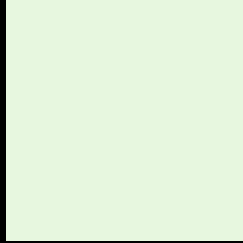
Large Text (above 18pt) WCAG AA × Fail

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 88.8382, 0.3167, 0.3537 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

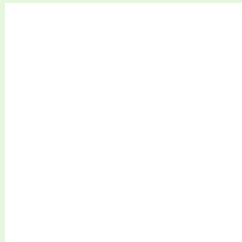
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.8382, 0.3167, 0.3537

Background



This preview shows how black text looks on a background with the Yxy color 88.8382, 0.3167, 0.3537.

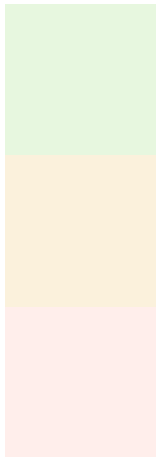


This preview shows how white text looks on a background with the Yxy color 88.8382, 0.3167, 0.3537.

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



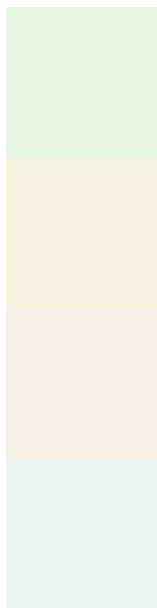
Original Color
88.8382, 0.3167, 0.3537
Protanopia
88.5871, 0.3325, 0.3500
Deuteranopia
88.4072, 0.3260, 0.3320



Tritanopia

88.9014, 0.3024, 0.3161

Trichromacy



Original Color

88.8382, 0.3167, 0.3537

Protanomaly

88.5547, 0.3269, 0.3512

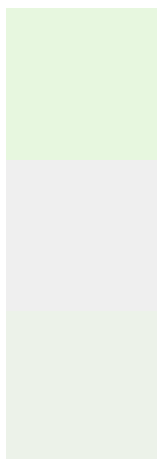
Deuteranomaly

88.2729, 0.3222, 0.3390

Tritanomaly

88.8346, 0.3075, 0.3300

Monochromacy



Original Color

88.8382, 0.3167, 0.3537

Achromatopsia

86.3157, 0.3127, 0.3290

Achromatomaly

87.2203, 0.3142, 0.3382

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.8382, 0.3167, 0.3537 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(231, 247, 223)` looks like.

```
.text, #text, p{  
    color:rgb(231, 247, 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(231, 247, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 247, 223) }
```

Border

The CSS property to change the border of an element to Yxy 88.8382, 0.3167, 0.3537 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(231, 247, 223) }
```

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

```
.border{ border-color:rgb(231, 247, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 247, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 247, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 247, 223);  
box-shadow:4px 4px 4px 4px rgb(231, 247,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 88.8382, 0.3167, 0.3537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 247, 223) }
```

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

```
.background{ background-color: rgb(231,  
247, 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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