

Converting Colors

Yxy(88.0911, 0.3232, 0.3647)

Have a look what the booklet for
Yxy(88.0911, 0.3232, 0.3647)
contains.

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Color

Yxy(88.2639, 0.3233, 0.3654)

Conversions

Conversions Part 1

Format	Color
Hex	E7F7D4
RGB	231, 247, 212
RGB Percent	91%, 97%, 83%
CMY	0.0942, 0.0313, 0.1687
CMYK	0.06, 0.00, 0.14, 0.03
HSL	87°, 69%, 90%
HSV	87°, 14%, 97%
XYZ	78.0945, 88.2639, 75.1958
YIQ	238.2260, 1.6990, -14.2770

Conversions

Conversions Part 2

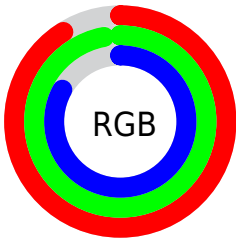
Format	Color
R _Y B	212, 247, 228
Decimal	15202260
CIE Lab	95.27, -11.31, 15.06
CIE LCh	95, 18.840, 126.906
Yxy	88.2639, 0.3233, 0.3654
Android (android.graphics.Color)	4293392340 (0xFFE7F7D4)
YUV	238.2260, -12.9294, -6.3372
Hunter-Lab	93.9489, -16.0334, 18.3090

Details

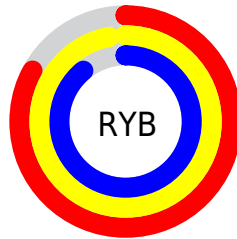
The Yxy color **88.2639, 0.3233, 0.3654** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **70.2898, 0.3009, 0.2924**, and the grayscale version is **85.7853, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.8099, 0.3254, 0.3746** is the 20% darker color. If you saturate the color by 10%, you get **85.2953, 0.3306, 0.3934**, and if you desaturate by 10%, it is **91.5523, 0.3158, 0.3393**.

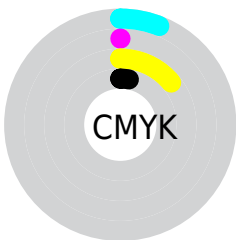
Distribution



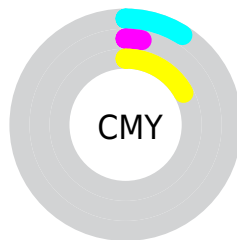
- Red (91%)
- Green (97%)
- Blue (83%)



- Red (83%)
- Yellow (97%)
- Blue (89%)



- Cyan (6%)
- Magenta (0%)
- Yellow (14%)
- Black (3%)





- Cyan (9%)
- Magenta (3%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.2639, 0.3233, 0.3654 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 88.2639, 0.3233, 0.3654 by changing the saturation by 10% instead.


 88.2639, 0.3233,
0.3654

 88.2639, 0.3233,
0.3654


522.3671, 0.3187,
0.3488

 66.5416, 0.3243,
0.3691


144.9245, 0.3218,
0.3597

 48.7122, 0.3254,
0.3737


180.6316, 0.3212,
0.3575

 34.3913, 0.3268,
0.3795


221.7692, 0.3206,
0.3555

 23.1943, 0.3286,
0.3869

268.7216, 0.3202,
0.3538

 14.7371, 0.3308,
0.3969

321.8731, 0.3197,
0.3524

 8.6351, 0.3336,
0.4109

381.6083, 0.3194,

 4.5039, 0.3373,

0.3510

0.4322

448.3115, 0.3190,
0.3499

■ 1.9593, 0.3426,
0.4689

■ 0.5836, 0.3231,
0.6769

■ 88.2639, 0.3233,
0.3654

■ 88.2639, 0.3233,
0.3654

■ 85.2953, 0.3306,
0.3934

■ 91.5523, 0.3158,
0.3393

■ 82.6240, 0.3374,
0.4226

■ 94.7410, 0.3122,
0.3214

■ 80.2422, 0.3432,
0.4523

■ 95.0081, 0.3131,
0.3214

■ 78.1375, 0.3477,
0.4812

■ 76.2960, 0.3503,
0.5080

■ 74.7028, 0.3507,
0.5311

■ 73.3404, 0.3487,
0.5492

■ 72.1882, 0.3445,
0.5619

■ 71.5981, 0.3414,
0.5671

Harmonies

Analogous

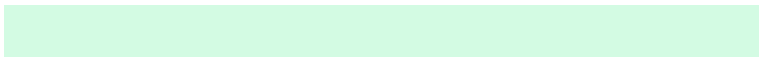
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.2639, 0.3423, 0.3653



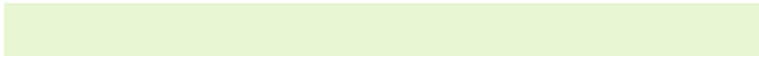
88.2639, 0.3233, 0.3654



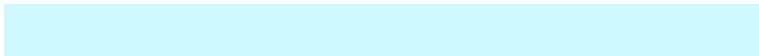
88.2639, 0.3019, 0.3547

Triad

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



88.2639, 0.3233, 0.3654



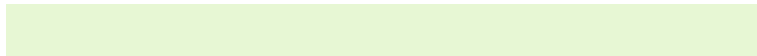
88.2639, 0.2734, 0.3013



88.2639, 0.3420, 0.3208

Complementary

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



88.2639, 0.3233, 0.3654



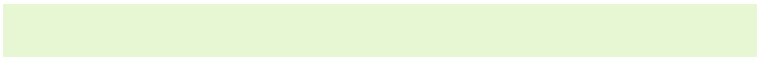
70.2898, 0.3009, 0.2924

Split Complementary

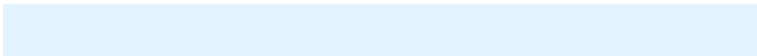
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.2639, 0.3226, 0.3052



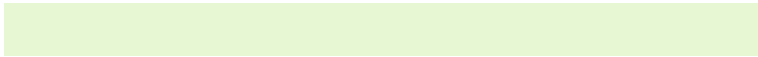
88.2639, 0.3233, 0.3654



88.2639, 0.2833, 0.2938

Square

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



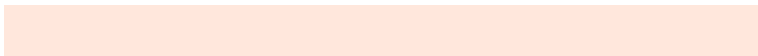
88.2639, 0.3233, 0.3654



88.2639, 0.2736, 0.3168



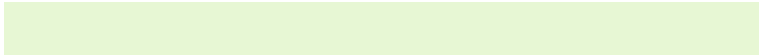
88.2639, 0.3011, 0.2954



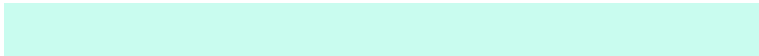
88.2639, 0.3535, 0.3390

Rectangle

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



88.2639, 0.3233, 0.3654



88.2639, 0.2892, 0.3431



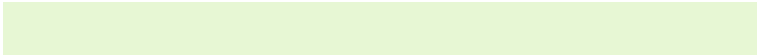
88.2639, 0.3011, 0.2954



88.2639, 0.3362, 0.3152

Sweetspot

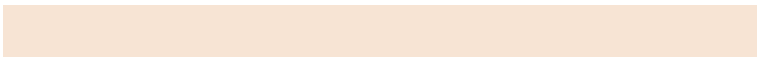
The Sweet Spot groups the original color and five complimentary colors.



88.2677, 0.3233, 0.3654



98.4861, 0.3157, 0.3389



79.8758, 0.3367, 0.3452



21.0205, 0.3163, 0.3408



0.0000, 0.0000, 0.0000



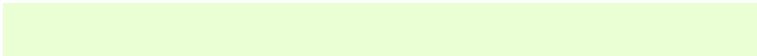
21.4041, 0.3127, 0.3290

Same Dimension

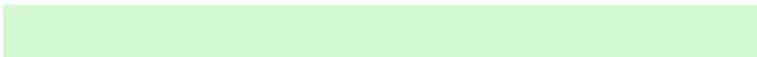
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.2677, 0.3233, 0.3654



93.9470, 0.3254, 0.3732



85.5371, 0.3121, 0.3667



18.9149, 0.3198, 0.3529



37.9477, 0.3425, 0.5662



3.3963, 0.3516, 0.5590

Inverse Universe

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



70.2898, 0.3009, 0.2924



71.2010, 0.2982, 0.2845



73.2540, 0.3131, 0.2938



16.2980, 0.3051, 0.3050



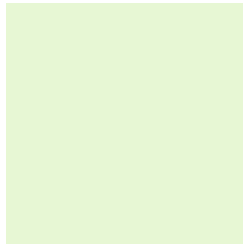
5.4899, 0.1943, 0.0844



0.5428, 0.2081, 0.0920

Previews

White Background



This preview shows how the Yxy color 88.2639, 0.3233, 0.3654 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 88.2639, 0.3233, 0.3654 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

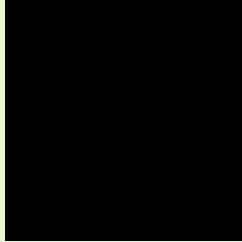
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

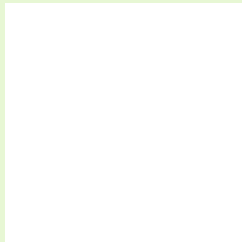
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.2639, 0.3233, 0.3654

Background



This preview shows how black text looks on a background with the Yxy color 88.2639, 0.3233, 0.3654.

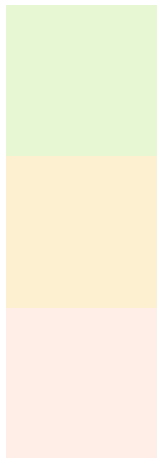


This preview shows how white text looks on a background with the Yxy color 88.2639, 0.3233, 0.3654.

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

88.2639, 0.3233, 0.3654

Protanopia

87.8063, 0.3411, 0.3601

Deuteranopia

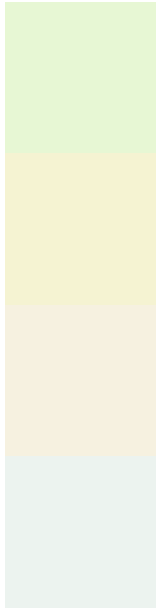
88.1786, 0.3285, 0.3359



Tritanopia

88.4813, 0.3031, 0.3151

Trichromacy



Original Color

88.2639, 0.3233, 0.3654

Protanomaly

88.1668, 0.3344, 0.3625

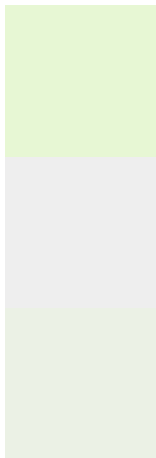
Deuteranomaly

87.8852, 0.3265, 0.3461

Tritanomaly

88.1660, 0.3106, 0.3330

Monochromacy



Original Color

88.2639, 0.3233, 0.3654

Achromatopsia

85.4993, 0.3127, 0.3290

Achromatomaly

86.2299, 0.3161, 0.3413

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.2639, 0.3233, 0.3654 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, 212)` looks like.

```
.text, #text, p{  
    color:rgb(231, 247, 212)  
}
```

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, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 247, 212) }
```

Border

The CSS property to change the border of an element to Yxy 88.2639, 0.3233, 0.3654 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, 212) }
```

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

```
.border{ border-color:rgb(231, 247, 212) }
```

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, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 247, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 247, 212);  
box-shadow:4px 4px 4px 4px rgb(231, 247,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 88.2639, 0.3233, 0.3654 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, 212) }
```

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

```
.background{ background-color: rgb(231,  
247, 212) }
```

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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