

Converting Colors

$Yxy(88.3590, 0.3234, 0.3535)$

Have a look what the booklet for
Yxy(88.3590, 0.3234, 0.3535)
contains.

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Color

Yxy(88.0458, 0.3234, 0.3535)

Conversions

Conversions Part 1

Format	Color
Hex	EEF4DC
RGB	238, 244, 220
RGB Percent	93%, 96%, 86%
CMY	0.0664, 0.0432, 0.1372
CMYK	0.02, 0.00, 0.10, 0.04
HSL	75°, 52%, 91%
HSV	75°, 10%, 96%
XYZ	80.5488, 88.0458, 80.4741
YIQ	239.4700, 4.1280, -8.7360

Conversions

Conversions Part 2

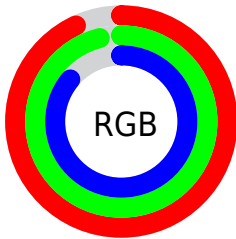
Format	Color
R _Y B	220, 244, 226
Decimal	15660252
CIE Lab	95.18, -6.06, 10.86
CIE LCh	95, 12.441, 119.165
Yxy	88.0458, 0.3234, 0.3535
Android (android.graphics.Color)	4293850332 (0xFFEEF4DC)
YUV	239.4700, -9.5987, -1.2892
Hunter-Lab	93.8327, -10.9775, 14.8338

Details

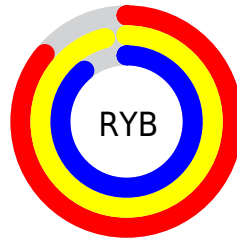
The Yxy color **88.0458, 0.3234, 0.3535** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **73.8874, 0.3014, 0.3039**, and the grayscale version is **86.7868, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.6281, 0.3256, 0.3593** is the 20% darker color. If you saturate the color by 10%, you get **85.8246, 0.3344, 0.3798**, and if you desaturate by 10%, it is **90.4982, 0.3125, 0.3286**.

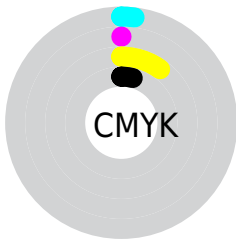
Distribution



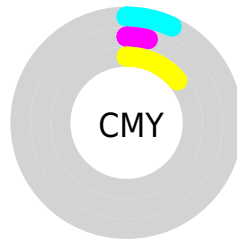
- Red (93%)
- Green (96%)
- Blue (86%)



- Red (86%)
- Yellow (96%)
- Blue (89%)



- Cyan (2%)
- Magenta (0%)
- Yellow (10%)
- Black (4%)




- Cyan (7%)
- Magenta (4%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.0458, 0.3234, 0.3535 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 88.0458, 0.3234, 0.3535 by changing the saturation by 10% instead.


 88.0458, 0.3234,
0.3535

 88.0458, 0.3234,
0.3535


521.6532, 0.3187,
0.3424

 66.3610, 0.3244,
0.3560


144.6209, 0.3218,
0.3497

 48.5655, 0.3257,
0.3590


180.2800, 0.3212,
0.3482

 34.2749, 0.3272,
0.3628


221.3660, 0.3206,
0.3469

 23.1049, 0.3292,
0.3677

268.2633, 0.3201,
0.3458

 14.6710, 0.3317,
0.3742

321.3563, 0.3197,
0.3448

 8.5888, 0.3352,
0.3834

381.0293, 0.3193,

 4.4740, 0.3401,

0.3439

0.3971

447.6668, 0.3190,
0.3431

■ 1.9421, 0.3476,
0.4200

■ 0.5735, 0.4091,
0.5909

■ 88.0458, 0.3234,
0.3535

■ 88.0458, 0.3234,
0.3535

■ 85.8246, 0.3344,
0.3798

■ 90.4982, 0.3125,
0.3286

■ 83.8146, 0.3451,
0.4069

■ 92.2559, 0.3101,
0.3183

■ 82.0105, 0.3552,
0.4340

■ 93.1714, 0.3132,
0.3185

■ 80.4027, 0.3641,
0.4601

■ 78.9803, 0.3712,
0.4841

■ 77.7314, 0.3760,
0.5047

■ 76.6426, 0.3784,
0.5211

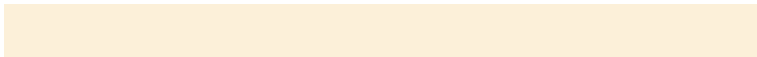
■ 75.6976, 0.3781,
0.5326

■ 74.8703, 0.3756,
0.5399

Harmonies

Analogous

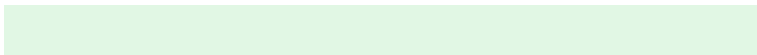
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.0458, 0.3348, 0.3519



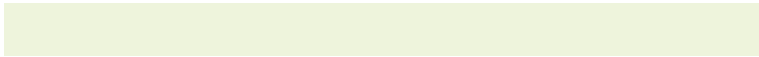
88.0458, 0.3234, 0.3535



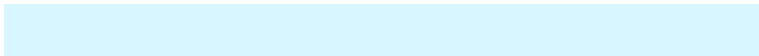
88.0458, 0.3093, 0.3482

Triad

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



88.0458, 0.3234, 0.3535



88.0458, 0.2858, 0.3131



88.0458, 0.3292, 0.3207

Complementary

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



88.0458, 0.3234, 0.3535



73.8874, 0.3014, 0.3039

Split Complementary

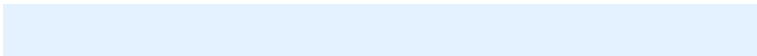
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.0458, 0.3157, 0.3109



88.0458, 0.3234, 0.3535



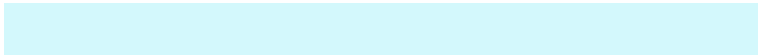
88.0458, 0.2908, 0.3063

Square

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



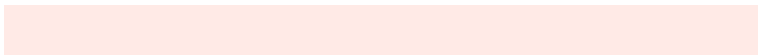
88.0458, 0.3234, 0.3535



88.0458, 0.2878, 0.3244



88.0458, 0.3017, 0.3057



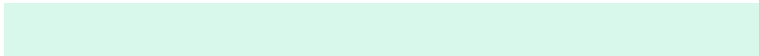
88.0458, 0.3383, 0.3327

Rectangle

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



88.0458, 0.3234, 0.3535



88.0458, 0.3003, 0.3414



88.0458, 0.3017, 0.3057



88.0458, 0.3250, 0.3170

Sweetspot

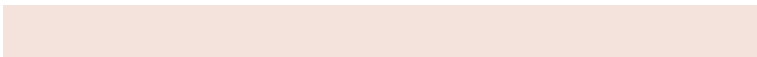
The Sweet Spot groups the original color and five complimentary colors.



88.0496, 0.3234, 0.3535



99.1608, 0.3160, 0.3363



78.5816, 0.3294, 0.3348



21.1773, 0.3168, 0.3383



0.0000, 0.0000, 0.0000



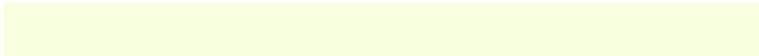
21.4041, 0.3127, 0.3290

Same Dimension

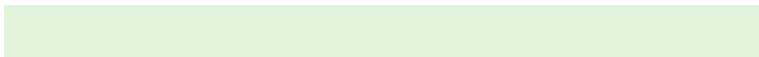
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.0496, 0.3234, 0.3535



96.7798, 0.3258, 0.3592



86.0955, 0.3157, 0.3541



19.0957, 0.3230, 0.3526



40.7761, 0.3763, 0.5394



3.6316, 0.3819, 0.5350

Inverse Universe

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



73.8874, 0.3014, 0.3039



77.8939, 0.2986, 0.2979



75.8362, 0.3094, 0.3045



16.1241, 0.3018, 0.3048



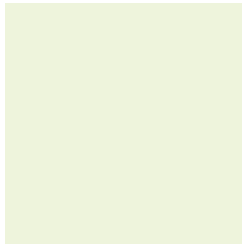
4.1306, 0.1641, 0.0678



0.4093, 0.1763, 0.0745

Previews

White Background



This preview shows how the Yxy color 88.0458, 0.3234, 0.3535 looks on a white background.

Color Contrast Check

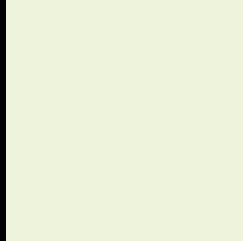
Large Text (above 18pt) WCAG AA × Fail

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 88.0458, 0.3234, 0.3535 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

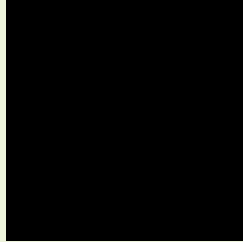
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

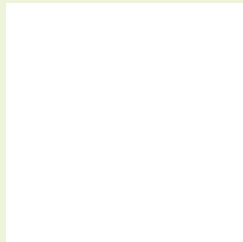
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.0458, 0.3234, 0.3535

Background



This preview shows how black text looks on a background with the Yxy color 88.0458, 0.3234, 0.3535.

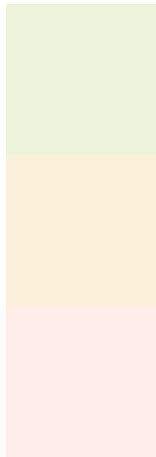


This preview shows how white text looks on a background with the Yxy color 88.0458, 0.3234, 0.3535.

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

88.0458, 0.3234, 0.3535

Protanopia

87.8914, 0.3339, 0.3510

Deuteranopia

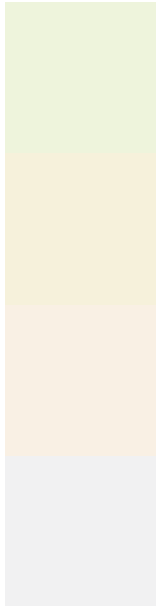
87.7116, 0.3274, 0.3330



Tritanopia

88.0077, 0.3057, 0.3132

Trichromacy



Original Color

88.0458, 0.3234, 0.3535

Protanomaly

87.6179, 0.3297, 0.3512

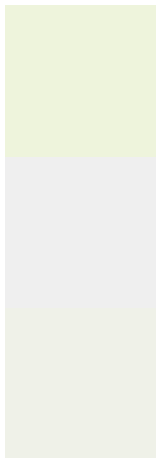
Deuteranomaly

88.0613, 0.3262, 0.3410

Tritanomaly

88.0222, 0.3121, 0.3280

Monochromacy



Original Color

88.0458, 0.3234, 0.3535

Achromatopsia

86.3157, 0.3127, 0.3290

Achromatomaly

87.0875, 0.3169, 0.3381

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.0458, 0.3234, 0.3535 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(238, 244, 220)` looks like.

```
.text, #text, p{  
    color:rgb(238, 244, 220)  
}
```

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(238, 244, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 244, 220) }
```

Border

The CSS property to change the border of an element to Yxy 88.0458, 0.3234, 0.3535 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(238, 244, 220) }
```

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

```
.border{ border-color:rgb(238, 244, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 244, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 244, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 244, 220);  
box-shadow:4px 4px 4px 4px rgb(238, 244,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 88.0458, 0.3234, 0.3535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 244, 220) }
```

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

```
.background{ background-color: rgb(238,  
244, 220) }
```

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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