

Converting Colors

Yxy(84.1246, 0.3180, 0.3453)

Have a look what the booklet for
Yxy(84.1246, 0.3180, 0.3453)
contains.

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Color

Yxy(84.2165, 0.3179, 0.3456)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | E8EFDF |
| RGB | 232, 239, 223 |
| RGB Percent | 91%, 94%, 87% |
| CMY | 0.0902, 0.0627, 0.1254 |
| CMYK | 0.03, 0.00, 0.07, 0.06 |
| HSL | 86°, 33%, 91% |
| HSV | 86°, 7%, 94% |
| XYZ | 77.4665, 84.2165, 81.9990 |
| YIQ | 235.0830, 0.9640, -6.4600 |

Conversions

Conversions Part 2

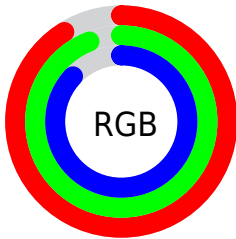
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 223, 239, 230 |
| Decimal | 15265759 |
| CIE Lab | 93.54, -5.13, 6.91 |
| CIE LCh | 94, 8.602, 126.576 |
| Yxy | 84.2165, 0.3179, 0.3456 |
| Android (android.graphics.Color) | 4293455839 (0xFFE8EFDf) |
| YUV | 235.0830, -5.9569, -2.7038 |
| Hunter-Lab | 91.7695, -9.9174, 11.2612 |

Details

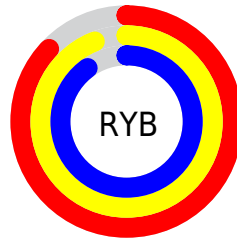
The Yxy color **84.2165, 0.3179, 0.3456** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.8467, 0.3073, 0.3123**, and the grayscale version is **83.1931, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **45.9242, 0.3186, 0.3492** is the 20% darker color. If you saturate the color by 10%, you get **81.3195, 0.3257, 0.3721**, and if you desaturate by 10%, it is **87.4072, 0.3102, 0.3211**.

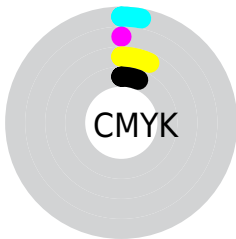
Distribution



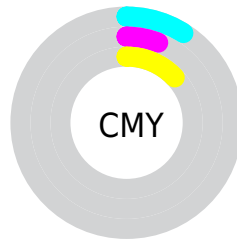
- Red (91%)
- Green (94%)
- Blue (87%)



- Red (87%)
- Yellow (94%)
- Blue (90%)



- Cyan (3%)
- Magenta (0%)
- Yellow (7%)
- Black (6%)



- Cyan (9%)
- Magenta (6%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 84.2165, 0.3179, 0.3456 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 84.2165, 0.3179, 0.3456 by changing the saturation by 10% instead.

84.2165, 0.3179,
0.3456

84.2165, 0.3179,
0.3456

509.0319, 0.3156,
0.3381

63.1942, 0.3184,
0.3473

139.2780, 0.3171,
0.3430

45.9983, 0.3190,
0.3494

174.0860, 0.3168,
0.3420

32.2445, 0.3198,
0.3520

214.2579, 0.3165,
0.3411

21.5483, 0.3208,
0.3554

260.1783, 0.3163,
0.3403

13.5254, 0.3220,
0.3600

312.2315, 0.3161,
0.3397

7.7913, 0.3238,
0.3664

370.8019, 0.3159,

3.9617, 0.3263,

0.3391

0.3763

436.2739, 0.3157,
0.3385

■ 1.6522, 0.3304,
0.3932

■ 0.3924, 0.3871,
0.6129

■ 84.2165, 0.3179,
0.3456

■ 84.2165, 0.3179,
0.3456

■ 81.3195, 0.3257,
0.3721

■ 87.4072, 0.3102,
0.3211

■ 78.6960, 0.3332,
0.4003

■ 89.8281, 0.3121,
0.3136

■ 76.3395, 0.3401,
0.4295

■ 90.2153, 0.3134,
0.3136

■ 74.2395, 0.3460,
0.4588

■ 72.3844, 0.3503,
0.4869

■ 70.7616, 0.3527,
0.5125

■ 69.3570, 0.3528,
0.5341

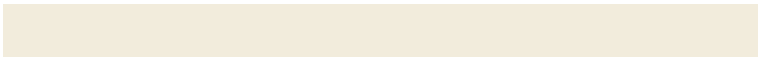
■ 68.1544, 0.3505,
0.5507

■ 67.1337, 0.3460,
0.5618

Harmonies

Analogous

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



84.2165, 0.3266, 0.3458



84.2165, 0.3179, 0.3456



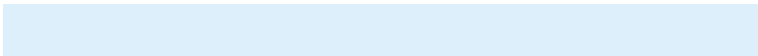
84.2165, 0.3079, 0.3408

Triad

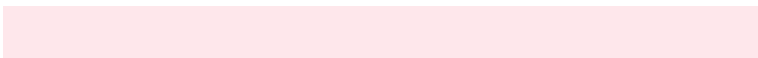
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.2165, 0.3179, 0.3456



84.2165, 0.2942, 0.3163



84.2165, 0.3262, 0.3252

Complementary

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



84.2165, 0.3179, 0.3456



75.8467, 0.3073, 0.3123

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.



84.2165, 0.3173, 0.3177



84.2165, 0.3179, 0.3456



84.2165, 0.2989, 0.3125

Square

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



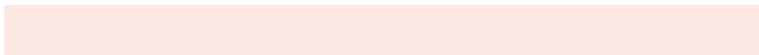
84.2165, 0.3179, 0.3456



84.2165, 0.2944, 0.3237



84.2165, 0.3073, 0.3130



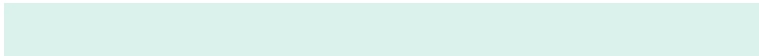
84.2165, 0.3314, 0.3338

Rectangle

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



84.2165, 0.3179, 0.3456



84.2165, 0.3019, 0.3356



84.2165, 0.3073, 0.3130



84.2165, 0.3235, 0.3225

Sweetspot

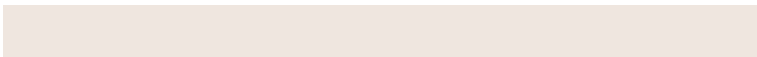
The Sweet Spot groups the original color and five complimentary colors.



84.2201, 0.3179, 0.3456



99.2544, 0.3143, 0.3339



80.2448, 0.3234, 0.3362



21.2524, 0.3142, 0.3336



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

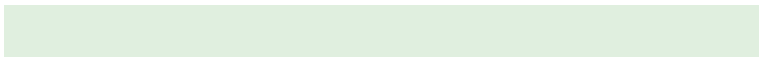
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.2201, 0.3179, 0.3456



97.0988, 0.3189, 0.3490



82.9255, 0.3126, 0.3459



18.0944, 0.3201, 0.3528



37.0071, 0.3454, 0.5639



3.1374, 0.3547, 0.5565

Inverse Universe

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



75.8467, 0.3073, 0.3123



85.5587, 0.3061, 0.3089



77.1860, 0.3127, 0.3126



15.5676, 0.3048, 0.3051



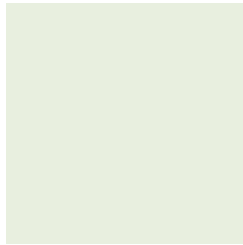
5.1693, 0.1909, 0.0825



0.4879, 0.2056, 0.0906

Previews

White Background



This preview shows how the Yxy color 84.2165, 0.3179, 0.3456 looks on a white background.

Color Contrast Check

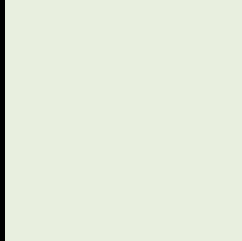
Large Text (above 18pt) WCAG AA × Fail

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 84.2165, 0.3179, 0.3456 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

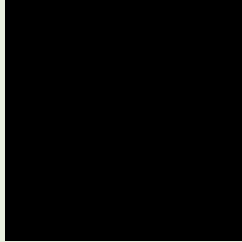
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

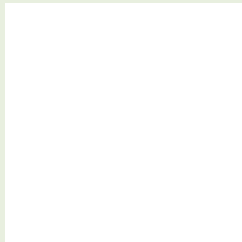
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 84.2165, 0.3179, 0.3456

Background



This preview shows how black text looks on a background with the Yxy color 84.2165, 0.3179, 0.3456.

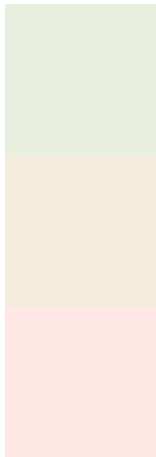


This preview shows how white text looks on a background with the Yxy color 84.2165, 0.3179, 0.3456.

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

84.2165, 0.3179, 0.3456

Protanopia

83.8702, 0.3277, 0.3433

Deuteranopia

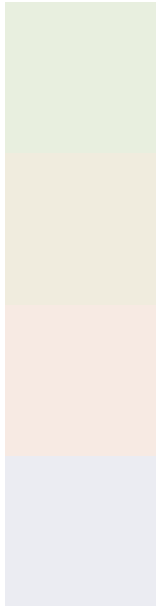
84.0690, 0.3306, 0.3310



Tritanopia

84.5130, 0.3031, 0.3110

Trichromacy



Original Color

84.2165, 0.3179, 0.3456

Protanomaly

83.7901, 0.3242, 0.3434

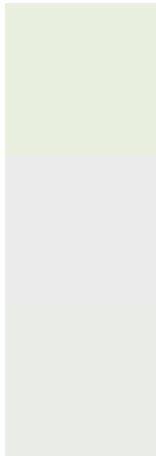
Deuteranomaly

84.1658, 0.3260, 0.3361

Tritanomaly

84.0639, 0.3084, 0.3229

Monochromacy



Original Color

84.2165, 0.3179, 0.3456

Achromatopsia

83.0770, 0.3127, 0.3290

Achromatomaly

83.2529, 0.3145, 0.3342

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.2165, 0.3179, 0.3456 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, 239, 223)` looks like.

```
.text, #text, p{  
    color:rgb(232, 239, 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(232, 239, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 239, 223) }
```

Border

The CSS property to change the border of an element to Yxy 84.2165, 0.3179, 0.3456 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, 239, 223) }
```

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

```
.border{ border-color:rgb(232, 239, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 239, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 239, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 239, 223);  
box-shadow:4px 4px 4px 4px rgb(232, 239,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 84.2165, 0.3179, 0.3456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 239, 223) }
```

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

```
.background{ background-color: rgb(232,  
239, 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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