

Converting Colors

$Y_{xy}(76.3600, 0.3057, 0.3150)$

Have a look what the booklet for
Yxy(76.3600, 0.3057, 0.3150)
contains.

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Color

Yxy(76.3544, 0.3058, 0.3154)

Conversions

Conversions Part 1

Format	Color
Hex	E3E1EE
RGB	227, 225, 238
RGB Percent	89%, 88%, 93%
CMY	0.1098, 0.1176, 0.0668
CMYK	0.05, 0.05, 0.00, 0.07
HSL	249°, 28%, 91%
HSV	249°, 5%, 93%
XYZ	74.0304, 76.3544, 91.7027
YIQ	227.0800, -2.9810, 4.4670

Conversions

Conversions Part 2

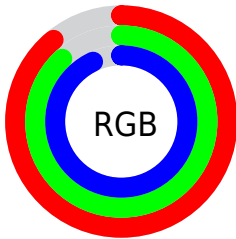
Format	Color
R _Y B	227, 225, 238
Decimal	14934510
CIE Lab	90.02, 3.04, -6.07
CIE LCh	90, 6.792, 296.585
Yxy	76.3544, 0.3058, 0.3154
Android (android.graphics.Color)	4293124590 (0xFFE3E1EE)
YUV	227.0800, 5.3836, -0.0702
Hunter-Lab	87.3810, -1.6892, -1.0557

Details

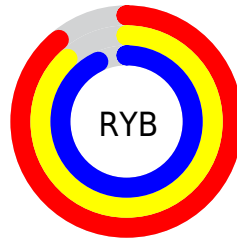
The Yxy color `76.3544, 0.3058, 0.3154` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `84.4019, 0.3194, 0.3424`, and the grayscale version is `76.8389, 0.3127, 0.3290`.

A 20% lighter version of the original color is `100.0000, 0.3127, 0.3290`, and `40.8975, 0.3046, 0.3127` is the 20% darker color. If you saturate the color by 10%, you get `61.2852, 0.2916, 0.2880`, and if you desaturate by 10%, it is `93.6072, 0.3181, 0.3397`.

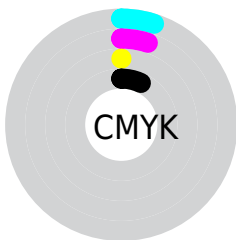
Distribution



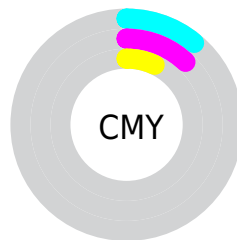
- Red (89%)
- Green (88%)
- Blue (93%)



- Red (89%)
- Yellow (88%)
- Blue (93%)



- Cyan (5%)
- Magenta (5%)
- Yellow (0%)
- Black (7%)



- Cyan (11%)
- Magenta (12%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.3544, 0.3058, 0.3154 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 76.3544, 0.3058, 0.3154 by changing the saturation by 10% instead.

■ 76.3544, 0.3058,
0.3154

■ 76.3544, 0.3058,
0.3154

482.5600, 0.3090,
0.3216

■ 56.7232, 0.3051,
0.3140

128.2277, 0.3069,
0.3175

■ 40.7830, 0.3042,
0.3123

161.2386, 0.3073,
0.3184

■ 28.1496, 0.3030,
0.3101

199.4782, 0.3077,
0.3191

■ 18.4384, 0.3016,
0.3073

243.3309, 0.3080,
0.3197

■ 11.2652, 0.2996,
0.3036

293.1810, 0.3083,
0.3203

■ 6.2455, 0.2967,
0.2982

349.4129, 0.3086,

■ 2.9949, 0.2922,

0.3208

0.2900

412.4111, 0.3088,
0.3212

■ 1.1291, 0.2842,
0.2760

■ 0.0026, 0.1513,
0.0052

■ 76.3544, 0.3058,
0.3154

■ 76.3544, 0.3058,
0.3154

■ 61.2852, 0.2916,
0.2880

■ 93.6072, 0.3181,
0.3397

■ 48.3030, 0.2756,
0.2577

■ 98.9514, 0.3226,
0.3454

■ 37.3183, 0.2577,
0.2250

■ 28.2311, 0.2385,
0.1908

■ 20.9332, 0.2188,
0.1568

■ 15.3049, 0.1997,
0.1252

■ 11.2120, 0.1824,
0.0984

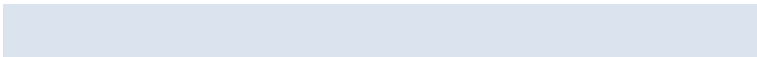
■ 8.4990, 0.1685,
0.0785

■ 6.9766, 0.1586,
0.0665

Harmonies

Analogous

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



76.3544, 0.2997, 0.3162



76.3544, 0.3058, 0.3154



76.3544, 0.3138, 0.3181

Triad

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



76.3544, 0.3058, 0.3154



76.3544, 0.3285, 0.3373



76.3544, 0.3039, 0.3344

Complementary

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



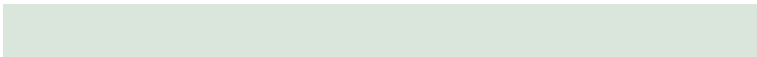
76.3544, 0.3058, 0.3154



84.4019, 0.3194, 0.3424

Split Complementary

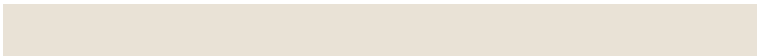
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.3544, 0.3115, 0.3403



76.3544, 0.3058, 0.3154



76.3544, 0.3258, 0.3419

Square

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



76.3544, 0.3058, 0.3154



76.3544, 0.3270, 0.3307



76.3544, 0.3195, 0.3430



76.3544, 0.2987, 0.3271

Rectangle

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



76.3544, 0.3058, 0.3154



76.3544, 0.3191, 0.3216



76.3544, 0.3195, 0.3430



76.3544, 0.3063, 0.3366

Sweetspot

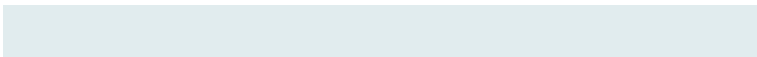
The Sweet Spot groups the original color and five complimentary colors.



76.3577, 0.3058, 0.3154



95.9787, 0.3102, 0.3241



82.1883, 0.3043, 0.3270



20.5855, 0.3104, 0.3243



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.



76.3577, 0.3058, 0.3154



86.3787, 0.3037, 0.3113



77.4255, 0.3102, 0.3156



15.9877, 0.3029, 0.3098



3.6912, 0.1563, 0.0635



0.3418, 0.1666, 0.0692

Inverse Universe

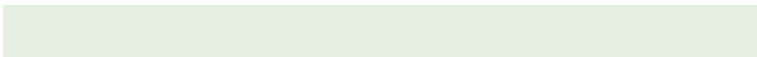
The Inverse Universe completely reimagines the original color for something new.



78.0851, 0.3146, 0.3177



88.9610, 0.3152, 0.3144



83.3184, 0.3151, 0.3425



16.5080, 0.3154, 0.3132



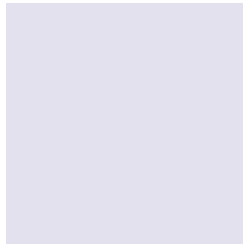
12.5269, 0.3637, 0.1777



1.0532, 0.3571, 0.1741

Previews

White Background



This preview shows how the Yxy color 76.3544, 0.3058, 0.3154 looks on a white background.

Color Contrast Check

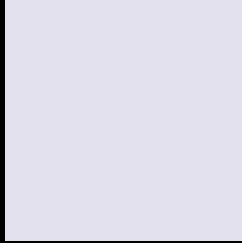
Large Text (above 18pt) WCAG AA × Fail

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 76.3544, 0.3058, 0.3154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

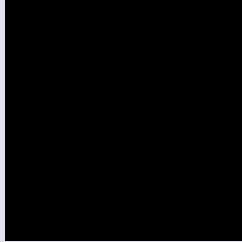
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

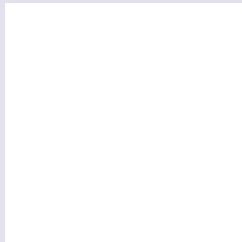
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.3544, 0.3058, 0.3154

Background



This preview shows how black text looks on a background with the Yxy color 76.3544, 0.3058, 0.3154.

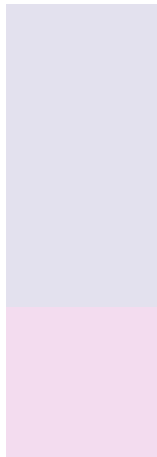


This preview shows how white text looks on a background with the Yxy color 76.3544, 0.3058, 0.3154.

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

76.3544, 0.3058, 0.3154

Protanopia

76.3544, 0.3058, 0.3154

Deuteranopia

76.4731, 0.3164, 0.3097



Tritanopia

76.2161, 0.3040, 0.3102

Trichromacy



Original Color

76.3544, 0.3058, 0.3154

Protanomaly

76.3544, 0.3058, 0.3154

Deuteranomaly

76.4791, 0.3121, 0.3115

Tritanomaly

76.1562, 0.3046, 0.3113

Monochromacy



Original Color

76.3544, 0.3058, 0.3154

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

76.4931, 0.3102, 0.3237

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.3544, 0.3058, 0.3154 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(227, 225, 238)` looks like.

```
.text, #text, p{  
    color:rgb(227, 225, 238)  
}
```

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(227, 225, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 225, 238) }
```

Border

The CSS property to change the border of an element to Yxy 76.3544, 0.3058, 0.3154 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(227, 225, 238) }
```

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

```
.border{ border-color:rgb(227, 225, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 225, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 225, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 225, 238);  
box-shadow:4px 4px 4px 4px rgb(227, 225,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 76.3544, 0.3058, 0.3154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 225, 238) }
```

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

```
.background{ background-color: rgb(227,  
225, 238) }
```

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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