

Converting Colors

$Yxy(76.0522, 0.3066, 0.3130)$

Have a look what the booklet for
Yxy(76.0522, 0.3066, 0.3130)
contains.

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Color

Yxy(76.2013, 0.3065, 0.3133)

Conversions

Conversions Part 1

Format	Color
Hex	E5E0EF
RGB	229, 224, 239
RGB Percent	90%, 88%, 94%
CMY	0.1021, 0.1215, 0.0626
CMYK	0.04, 0.06, 0.00, 0.06
HSL	260°, 32%, 91%
HSV	260°, 6%, 94%
XYZ	74.5474, 76.2013, 92.4728
YIQ	227.2050, -1.8350, 5.7250

Conversions

Conversions Part 2

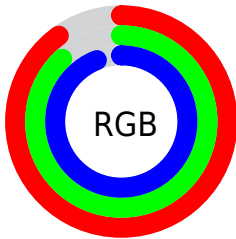
Format	Color
R _Y B	229, 224, 239
Decimal	15065327
CIE Lab	89.95, 4.41, -6.72
CIE LCh	90, 8.043, 303.284
Yxy	76.2013, 0.3065, 0.3133
Android (android.graphics.Color)	4293255407 (0xFFE5E0EF)
YUV	227.2050, 5.8149, 1.5742
Hunter-Lab	87.2934, -0.3267, -1.7026

Details

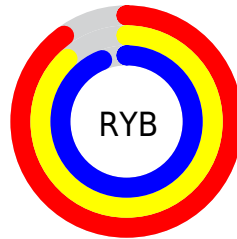
The Yxy color **76.2013, 0.3065, 0.3133** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **84.6459, 0.3187, 0.3445**, and the grayscale version is **76.9318, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.7935, 0.3055, 0.3101** is the 20% darker color. If you saturate the color by 10%, you get **61.7328, 0.2953, 0.2862**, and if you desaturate by 10%, it is **92.7253, 0.3161, 0.3378**.

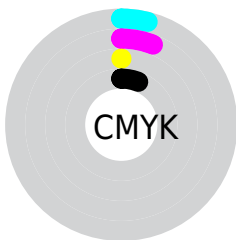
Distribution



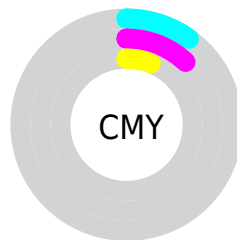
- Red (90%)
- Green (88%)
- Blue (94%)



- Red (90%)
- Yellow (88%)
- Blue (94%)



- Cyan (4%)
- Magenta (6%)
- Yellow (0%)
- Black (6%)



- Cyan (10%)
- Magenta (12%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.2013, 0.3065, 0.3133 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 76.2013, 0.3065, 0.3133 by changing the saturation by 10% instead.

■ 76.2013, 0.3065,
0.3133

■ 76.2013, 0.3065,
0.3133

482.0365, 0.3094,
0.3205

■ 56.5976, 0.3058,
0.3117

128.0114, 0.3075,
0.3158

■ 40.6822, 0.3050,
0.3097

160.9866, 0.3079,
0.3167

■ 28.0709, 0.3040,
0.3072

199.1877, 0.3082,
0.3176

■ 18.3791, 0.3027,
0.3040

242.9992, 0.3085,
0.3183

■ 11.2225, 0.3008,
0.2997

292.8055, 0.3088,
0.3189

■ 6.2167, 0.2982,
0.2936

348.9908, 0.3090,

■ 2.9773, 0.2940,

0.3195

0.2843

411.9397, 0.3092,
0.3200

■ 1.1199, 0.2866,
0.2685

■ 0.0000, 0.1812,
0.0000

■ 76.2013, 0.3065,
0.3133

■ 76.2013, 0.3065,
0.3133

■ 61.7328, 0.2953,
0.2862

■ 92.7253, 0.3161,
0.3378

■ 49.2287, 0.2825,
0.2568

■ 99.0145, 0.3220,
0.3444

■ 38.6052, 0.2681,
0.2254

■ 29.7687, 0.2523,
0.1933

■ 22.6172, 0.2356,
0.1617

■ 17.0384, 0.2188,
0.1324

■ 12.9056, 0.2027,
0.1074

■ 10.0715, 0.1883,
0.0883

■ 8.3540, 0.1765,
0.0759

Harmonies

Analogous

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



76.2013, 0.2987, 0.3133



76.2013, 0.3065, 0.3133



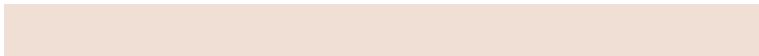
76.2013, 0.3161, 0.3174

Triad

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



76.2013, 0.3065, 0.3133



76.2013, 0.3312, 0.3403



76.2013, 0.3006, 0.3335

Complementary

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



76.2013, 0.3065, 0.3133



84.6459, 0.3187, 0.3445

Split Complementary

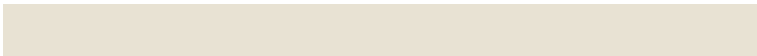
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.2013, 0.3091, 0.3411



76.2013, 0.3065, 0.3133



76.2013, 0.3269, 0.3449

Square

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



76.2013, 0.3065, 0.3133



76.2013, 0.3305, 0.3328



76.2013, 0.3188, 0.3453



76.2013, 0.2953, 0.3248

Rectangle

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



76.2013, 0.3065, 0.3133



76.2013, 0.3223, 0.3219



76.2013, 0.3188, 0.3453



76.2013, 0.3032, 0.3363

Sweetspot

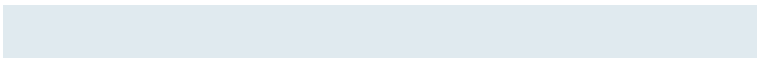
The Sweet Spot groups the original color and five complimentary colors.



76.2045, 0.3065, 0.3133



96.1471, 0.3108, 0.3241



81.0897, 0.3030, 0.3240



20.6198, 0.3109, 0.3244



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.



76.2045, 0.3065, 0.3133



85.1684, 0.3047, 0.3088



77.4326, 0.3115, 0.3136



15.4823, 0.3031, 0.3049



4.4250, 0.1742, 0.0733



0.4203, 0.1884, 0.0811

Inverse Universe

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



77.6192, 0.3167, 0.3187



87.2414, 0.3178, 0.3158



83.4332, 0.3138, 0.3448



15.9374, 0.3189, 0.3133



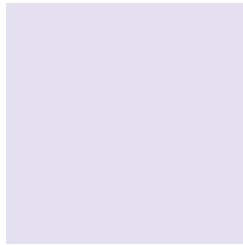
11.5698, 0.4261, 0.2121



0.9808, 0.4088, 0.2025

Previews

White Background



This preview shows how the Yxy color 76.2013, 0.3065, 0.3133 looks on a white background.

Color Contrast Check

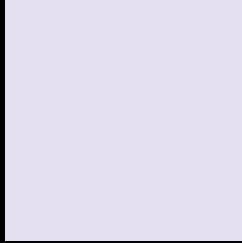
Large Text (above 18pt) WCAG AA × Fail

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 76.2013, 0.3065, 0.3133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

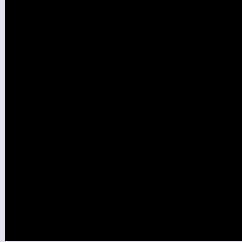
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

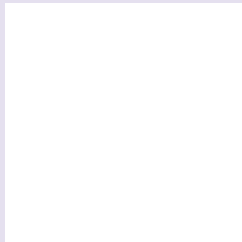
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.2013, 0.3065, 0.3133

Background



This preview shows how black text looks on a background with the Yxy color 76.2013, 0.3065, 0.3133.

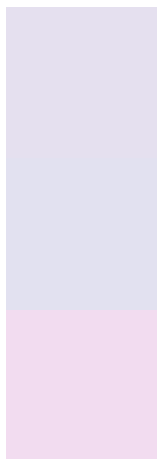


This preview shows how white text looks on a background with the Yxy color 76.2013, 0.3065, 0.3133.

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

76.2013, 0.3065, 0.3133

Protanopia

76.3104, 0.3039, 0.3133

Deuteranopia

76.3549, 0.3151, 0.3087



Tritanopia

76.3202, 0.3053, 0.3113

Trichromacy



Original Color

76.2013, 0.3065, 0.3133

Protanomaly

76.4726, 0.3045, 0.3133

Deuteranomaly

76.0087, 0.3115, 0.3095

Tritanomaly

76.2606, 0.3059, 0.3123

Monochromacy



Original Color

76.2013, 0.3065, 0.3133

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

76.6562, 0.3109, 0.3237

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.2013, 0.3065, 0.3133 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(229, 224, 239)` looks like.

```
.text, #text, p{  
    color:rgb(229, 224, 239)  
}
```

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(229, 224, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 224, 239) }
```

Border

The CSS property to change the border of an element to Yxy 76.2013, 0.3065, 0.3133 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(229, 224, 239) }
```

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

```
.border{ border-color:rgb(229, 224, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 224, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 224, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 224, 239);  
box-shadow:4px 4px 4px 4px rgb(229, 224,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 76.2013, 0.3065, 0.3133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 224, 239) }
```

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

```
.background{ background-color: rgb(229,  
224, 239) }
```

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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