

Converting Colors

$Yxy(76.0087, 0.3094, 0.3173)$

Have a look what the booklet for
Yxy(76.0087, 0.3094, 0.3173)
contains.

Yxy(76.1325, 0.3098, 0.3175)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(76.1325, 0.3098, 0.3175)

Conversions

Conversions Part 1

Format	Color
Hex	E6E0EB
RGB	230, 224, 235
RGB Percent	90%, 88%, 92%
CMY	0.0980, 0.1216, 0.0785
CMYK	0.02, 0.05, 0.00, 0.08
HSL	273°, 22%, 90%
HSV	273°, 5%, 92%
XYZ	74.2861, 76.1325, 89.3688
YIQ	227.0480, 0.0450, 4.6930

Conversions

Conversions Part 2

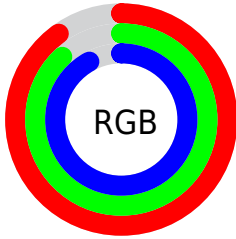
Format	Color
R _Y B	230, 224, 235
Decimal	15130859
CIE Lab	89.92, 4.01, -4.64
CIE LCh	90, 6.130, 310.879
Yxy	76.1325, 0.3098, 0.3175
Android (android.graphics.Color)	4293320939 (0xFFE6E0EB)
YUV	227.0480, 3.9203, 2.5889
Hunter-Lab	87.2539, -0.7233, 0.3507

Details

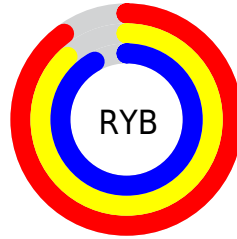
The Yxy color **76.1325, 0.3098, 0.3175** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **81.4477, 0.3155, 0.3405**, and the grayscale version is **76.8266, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.7446, 0.3097, 0.3155** is the 20% darker color. If you saturate the color by 10%, you get **62.6580, 0.3027, 0.2914**, and if you desaturate by 10%, it is **91.4666, 0.3158, 0.3415**.

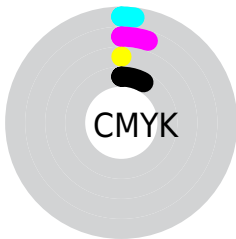
Distribution



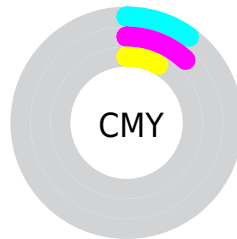
- Red (90%)
- Green (88%)
- Blue (92%)



- Red (90%)
- Yellow (88%)
- Blue (92%)



- Cyan (2%)
- Magenta (5%)
- Yellow (0%)
- Black (8%)



- Cyan (10%)
- Magenta (12%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.1325, 0.3098, 0.3175 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 76.1325, 0.3098, 0.3175 by changing the saturation by 10% instead.

■ 76.1325, 0.3098,
0.3175

■ 76.1325, 0.3098,
0.3175

481.8011, 0.3112,
0.3228

■ 56.5412, 0.3095,
0.3163

127.9142, 0.3103,
0.3193

■ 40.6370, 0.3091,
0.3149

160.8733, 0.3105,
0.3200

■ 28.0355, 0.3086,
0.3130

199.0572, 0.3106,
0.3206

■ 18.3524, 0.3080,
0.3107

242.8502, 0.3108,
0.3212

■ 11.2033, 0.3071,
0.3075

292.6367, 0.3109,
0.3216

■ 6.2038, 0.3058,
0.3029

348.8011, 0.3110,

■ 2.9694, 0.3038,

0.3220

0.2960

411.7278, 0.3111,
0.3224

■ 1.1158, 0.3001,
0.2840

■ 0.0000, 0.2217,
0.0000

■ 76.1325, 0.3098,
0.3175

■ 76.1325, 0.3098,
0.3175

■ 62.6580, 0.3027,
0.2914

■ 91.4666, 0.3158,
0.3415

■ 50.9601, 0.2945,
0.2636

■ 98.0820, 0.3220,
0.3485

■ 40.9643, 0.2851,
0.2346

■ 98.7776, 0.3244,
0.3483

■ 32.5865, 0.2745,
0.2053

■ 25.7355, 0.2630,
0.1768

■ 20.3108, 0.2509,
0.1506

■ 16.1993, 0.2387,
0.1280

■ 13.2697, 0.2269,
0.1103

■ 11.3619, 0.2159,
0.0981

Harmonies

Analogous

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



76.1325, 0.3033, 0.3167



76.1325, 0.3098, 0.3175



76.1325, 0.3172, 0.3213

Triad

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



76.1325, 0.3098, 0.3175



76.1325, 0.3263, 0.3388



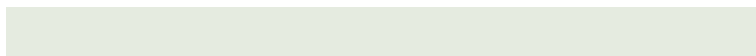
76.1325, 0.3021, 0.3308

Complementary

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



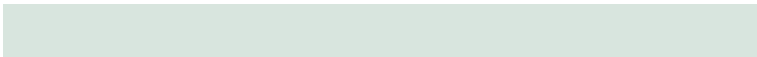
76.1325, 0.3098, 0.3175



81.4477, 0.3155, 0.3405

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.



76.1325, 0.3082, 0.3369



76.1325, 0.3098, 0.3175



76.1325, 0.3222, 0.3415

Square

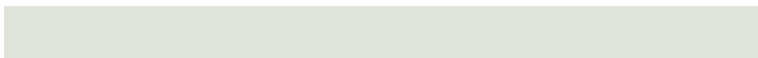
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.1325, 0.3098, 0.3175



76.1325, 0.3268, 0.3335



76.1325, 0.3155, 0.3409



76.1325, 0.2989, 0.3243

Rectangle

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



76.1325, 0.3098, 0.3175



76.1325, 0.3216, 0.3251



76.1325, 0.3155, 0.3409



76.1325, 0.3039, 0.3330

Sweetspot

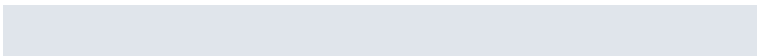
The Sweet Spot groups the original color and five complimentary colors.



76.1358, 0.3098, 0.3175



98.1654, 0.3121, 0.3266



77.9561, 0.3056, 0.3228



21.0308, 0.3121, 0.3267



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.



76.1358, 0.3098, 0.3175



89.3333, 0.3089, 0.3141



76.9497, 0.3135, 0.3180



15.7971, 0.3085, 0.3126



5.9947, 0.2120, 0.0941



0.5278, 0.2263, 0.1020

Inverse Universe

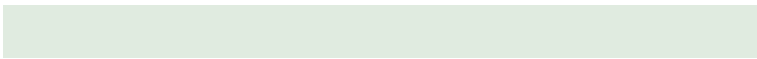
The Inverse Universe completely reimagines the original color for something new.



76.6292, 0.3172, 0.3238



90.0961, 0.3185, 0.3223



80.6608, 0.3119, 0.3402



15.9469, 0.3192, 0.3216



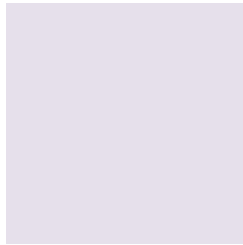
10.4387, 0.5156, 0.2614



0.8389, 0.4818, 0.2428

Previews

White Background



This preview shows how the Yxy color 76.1325, 0.3098, 0.3175 looks on a white background.

Color Contrast Check

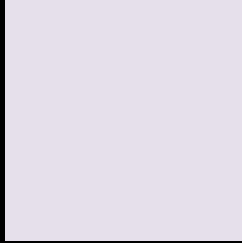
Large Text (above 18pt) WCAG AA × Fail

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 76.1325, 0.3098, 0.3175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

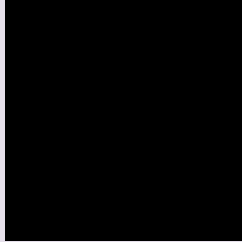
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

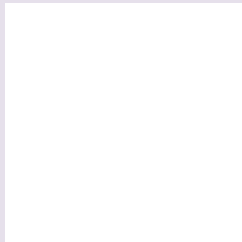
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.1325, 0.3098, 0.3175

Background



This preview shows how black text looks on a background with the Yxy color 76.1325, 0.3098, 0.3175.

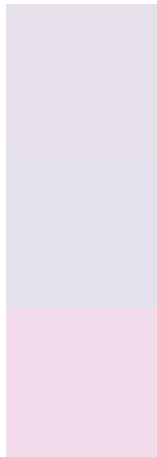


This preview shows how white text looks on a background with the Yxy color 76.1325, 0.3098, 0.3175.

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

76.1325, 0.3098, 0.3175

Protanopia

76.1795, 0.3077, 0.3185

Deuteranopia

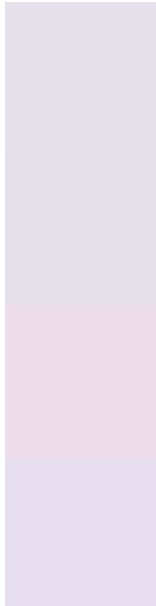
75.9523, 0.3192, 0.3117



Tritanopia

76.1152, 0.3067, 0.3103

Trichromacy



Original Color

76.1325, 0.3098, 0.3175

Protanomaly

76.3426, 0.3084, 0.3185

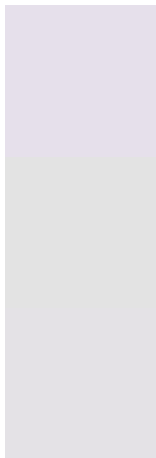
Deuteranomaly

76.1198, 0.3156, 0.3136

Tritanomaly

75.9963, 0.3079, 0.3124

Monochromacy



Original Color

76.1325, 0.3098, 0.3175

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

76.5999, 0.3115, 0.3248

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.1325, 0.3098, 0.3175 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(230, 224, 235)` looks like.

```
.text, #text, p{  
    color:rgb(230, 224, 235)  
}
```

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(230, 224, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 224, 235) }
```

Border

The CSS property to change the border of an element to Yxy 76.1325, 0.3098, 0.3175 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(230, 224, 235) }
```

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

```
.border{ border-color:rgb(230, 224, 235) }
```

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

Here you see how a box with a 4 pixel rgb(230, 224, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 224, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 224, 235);  
box-shadow:4px 4px 4px 4px rgb(230, 224,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 76.1325, 0.3098, 0.3175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 224, 235) }
```

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

```
.background{ background-color: rgb(230,  
224, 235) }
```

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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