

Converting Colors

$Yxy(76.0999, 0.3122, 0.3136)$

Have a look what the booklet for
Yxy(76.0999, 0.3122, 0.3136)
contains.

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Color

Yxy(76.0191, 0.3120, 0.3135)

Conversions

Conversions Part 1

Format	Color
Hex	EBDEED
RGB	235, 222, 237
RGB Percent	92%, 87%, 93%
CMY	0.0786, 0.1293, 0.0706
CMYK	0.01, 0.06, 0.00, 0.07
HSL	292°, 29%, 90%
HSV	292°, 6%, 93%
XYZ	75.6554, 76.0191, 90.8107
YIQ	227.5970, 2.9330, 7.4210

Conversions

Conversions Part 2

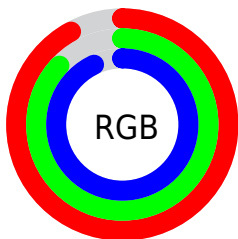
Format	Color
R _Y B	235, 222, 237
Decimal	15458029
CIE Lab	89.87, 7.05, -5.73
CIE LCh	90, 9.084, 320.914
Yxy	76.0191, 0.3120, 0.3135
Android (android.graphics.Color)	4293648109 (0xFFEBDEED)
YUV	227.5970, 4.6357, 6.4924
Hunter-Lab	87.1889, 2.3070, -0.7206

Details

The Yxy color **76.0191, 0.3120, 0.3135** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **81.7082, 0.3133, 0.3449**, and the grayscale version is **77.2349, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.5573, 0.3118, 0.3103** is the 20% darker color. If you saturate the color by 10%, you get **63.7537, 0.3106, 0.2881**, and if you desaturate by 10%, it is **90.0709, 0.3131, 0.3378**.

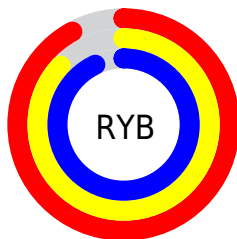
Distribution



Red (92%)

Green (87%)

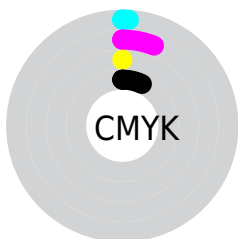
Blue (93%)



Red (92%)

Yellow (87%)

Blue (93%)

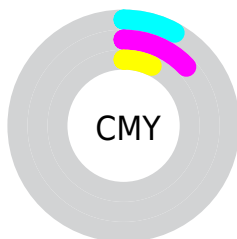


Cyan (1%)

Magenta (6%)

Yellow (0%)

Black (7%)



Cyan (8%)


Magenta (13%)


Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.0191, 0.3120, 0.3135 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 76.0191, 0.3120, 0.3135 by changing the saturation by 10% instead.

 76.0191, 0.3120,
0.3135

 76.0191, 0.3120,
0.3135

481.4131, 0.3124,
0.3205

 56.4482, 0.3119,
0.3119

127.7539, 0.3121,
0.3159

 40.5624, 0.3118,
0.3100


160.6866, 0.3122,
0.3169

 27.9773, 0.3116,
0.3076


198.8419, 0.3122,
0.3177

 18.3085, 0.3114,
0.3044

242.6044, 0.3123,
0.3184

 11.1717, 0.3111,
0.3002

292.3583, 0.3123,
0.3190

 6.1825, 0.3107,
0.2942

348.4882, 0.3123,

 2.9563, 0.3098,

0.3196

0.2852

411.3783, 0.3123,
0.3201

■ 1.1090, 0.3082,
0.2698

■ 0.0000, 0.2916,
0.0000

■ 76.0191, 0.3120,
0.3135

■ 76.0191, 0.3120,
0.3135

■ 63.7537, 0.3106,
0.2881

■ 90.0709, 0.3131,
0.3378

■ 53.1915, 0.3088,
0.2621

■ 96.4176, 0.3147,
0.3468

■ 44.2570, 0.3066,
0.2362

■ 96.9978, 0.3167,
0.3467

■ 36.8656, 0.3041,
0.2115

■ 97.5883, 0.3188,
0.3466

■ 30.9247, 0.3011,
0.1889

■ 98.1892, 0.3208,
0.3465

■ 26.3318, 0.2979,
0.1695

■ 98.8006, 0.3229,
0.3464

■ 22.9711, 0.2944,
0.1541

■ 98.8948, 0.3232,
0.3464

■ 20.7070, 0.2908,
0.1431

■ 19.3704, 0.2872,
0.1366

Harmonies

Analogous

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



76.0191, 0.3016, 0.3107



76.0191, 0.3120, 0.3135



76.0191, 0.3227, 0.3203

Triad

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



76.0191, 0.3120, 0.3135



76.0191, 0.3314, 0.3454



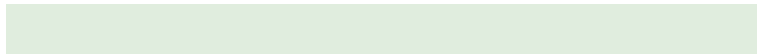
76.0191, 0.2949, 0.3283

Complementary

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



76.0191, 0.3120, 0.3135



81.7082, 0.3133, 0.3449

Split Complementary

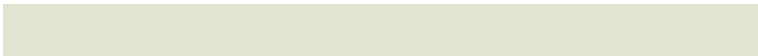
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.0191, 0.3027, 0.3380



76.0191, 0.3120, 0.3135



76.0191, 0.3237, 0.3479

Square

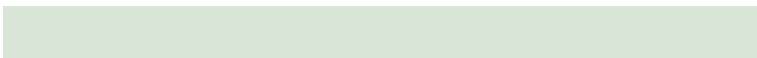
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.0191, 0.3120, 0.3135



76.0191, 0.3340, 0.3385



76.0191, 0.3132, 0.3452



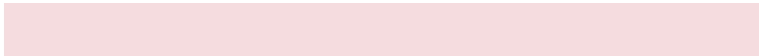
76.0191, 0.2919, 0.3190

Rectangle

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



76.0191, 0.3120, 0.3135



76.0191, 0.3286, 0.3262



76.0191, 0.3132, 0.3452



76.0191, 0.2970, 0.3316

Sweetspot

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



76.0224, 0.3120, 0.3135



96.6563, 0.3125, 0.3241



75.1046, 0.3030, 0.3155



20.7235, 0.3125, 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.



76.0224, 0.3120, 0.3135



87.1397, 0.3118, 0.3092



76.0729, 0.3169, 0.3189



15.2027, 0.3116, 0.3056



10.4213, 0.2865, 0.1352



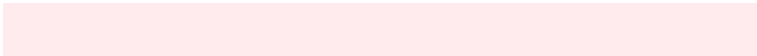
0.8473, 0.2915, 0.1380

Inverse Universe

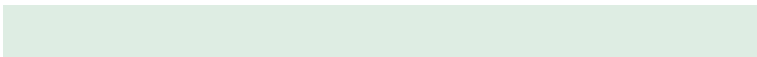
The Inverse Universe completely reimagines the original color for something new.



75.6466, 0.3220, 0.3269



86.5860, 0.3248, 0.3263



81.6664, 0.3088, 0.3393



15.0878, 0.3271, 0.3258



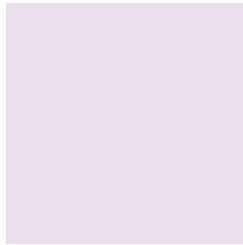
9.8996, 0.6217, 0.3198



0.7880, 0.5895, 0.3021

Previews

White Background



This preview shows how the Yxy color 76.0191, 0.3120, 0.3135 looks on a white background.

Color Contrast Check

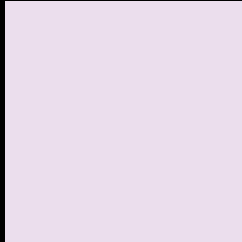
Large Text (above 18pt) WCAG AA × Fail

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 76.0191, 0.3120, 0.3135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

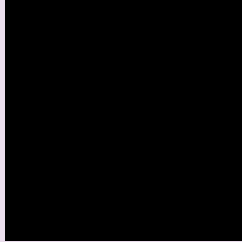
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

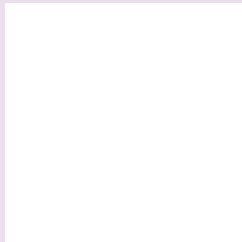
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.0191, 0.3120, 0.3135

Background



This preview shows how black text looks on a background with the Yxy color 76.0191, 0.3120, 0.3135.

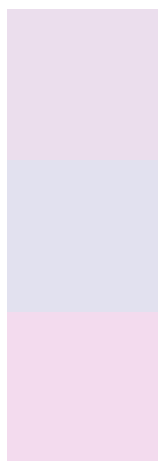


This preview shows how white text looks on a background with the Yxy color 76.0191, 0.3120, 0.3135.

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

76.0191, 0.3120, 0.3135

Protanopia

76.2512, 0.3045, 0.3143

Deuteranopia

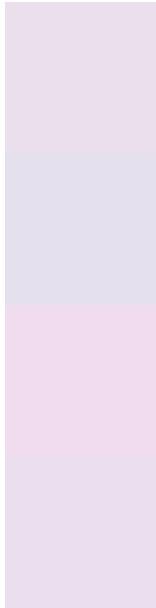
75.8908, 0.3172, 0.3097



Tritanopia

76.1367, 0.3107, 0.3115

Trichromacy



Original Color

76.0191, 0.3120, 0.3135

Protanomaly

76.1424, 0.3072, 0.3144

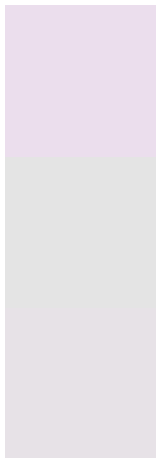
Deuteranomaly

75.8847, 0.3150, 0.3106

Tritanomaly

76.0778, 0.3114, 0.3125

Monochromacy



Original Color

76.0191, 0.3120, 0.3135

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

77.1512, 0.3130, 0.3238

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.0191, 0.3120, 0.3135 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(235, 222, 237)` looks like.

```
.text, #text, p{  
    color:rgb(235, 222, 237)  
}
```

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(235, 222, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 222, 237) }
```

Border

The CSS property to change the border of an element to Yxy 76.0191, 0.3120, 0.3135 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(235, 222, 237) }
```

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

```
.border{ border-color:rgb(235, 222, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 222, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 222, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 222, 237);  
box-shadow:4px 4px 4px 4px rgb(235, 222,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 76.0191, 0.3120, 0.3135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 222, 237) }
```

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

```
.background{ background-color: rgb(235,  
222, 237) }
```

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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