

Converting Colors

$Yxy(76.2606, 0.3059, 0.3123)$

Have a look what the booklet for
Yxy(76.2606, 0.3059, 0.3123)
contains.

Yxy(76.2606, 0.3059, 0.3123)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(76.2606, 0.3059, 0.3123)

Conversions

Conversions Part 1

Format	Color
Hex	E5E0F0
RGB	229, 224, 240
RGB Percent	90%, 88%, 94%
CMY	0.1020, 0.1215, 0.0588
CMYK	0.05, 0.07, 0.00, 0.06
HSL	259°, 35%, 91%
HSV	259°, 7%, 94%
XYZ	74.6978, 76.2606, 93.2318
YIQ	227.3190, -2.1560, 6.0360

Conversions

Conversions Part 2

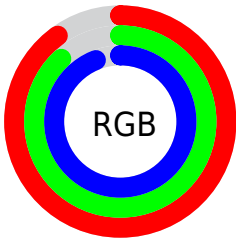
Format	Color
R _Y B	229, 224, 240
Decimal	15065328
CIE Lab	89.98, 4.61, -7.19
CIE LCh	90, 8.541, 302.630
Yxy	76.2606, 0.3059, 0.3123
Android (android.graphics.Color)	4293255408 (0xFFE5E0F0)
YUV	227.3190, 6.2517, 1.4742
Hunter-Lab	87.3273, -0.1380, -2.1697

Details

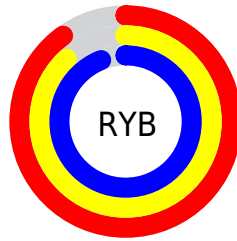
The Yxy color **76.2606, 0.3059, 0.3123** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **85.3774, 0.3192, 0.3455**, and the grayscale version is **77.0173, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.8353, 0.3047, 0.3088** is the 20% darker color. If you saturate the color by 10%, you get **61.6711, 0.2943, 0.2851**, and if you desaturate by 10%, it is **92.9360, 0.3159, 0.3369**.

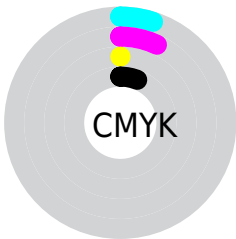
Distribution



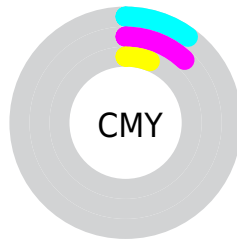
- Red (90%)
- Green (88%)
- Blue (94%)



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



- Cyan (5%)
- Magenta (7%)
- Yellow (0%)
- Black (6%)




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

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.2606, 0.3059, 0.3123 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 76.2606, 0.3059, 0.3123 by changing the saturation by 10% instead.


 76.2606, 0.3059,
0.3123

 76.2606, 0.3059,
0.3123


482.2393, 0.3091,
0.3199

 56.6462, 0.3052,
0.3106


128.0952, 0.3070,
0.3149

 40.7213, 0.3043,
0.3085


161.0842, 0.3074,
0.3159

 28.1014, 0.3032,
0.3059


199.3003, 0.3078,
0.3168

 18.4021, 0.3017,
0.3025

243.1277, 0.3081,
0.3176

 11.2390, 0.2997,
0.2979

292.9509, 0.3084,
0.3183

 6.2279, 0.2968,
0.2914

349.1543, 0.3086,

 2.9841, 0.2922,

0.3189

0.2816

412.1223, 0.3089,
0.3194

■ 1.1234, 0.2842,
0.2649

■ 0.0000, 0.1806,
0.0000

■ 76.2606, 0.3059,
0.3123

■ 76.2606, 0.3059,
0.3123

■ 61.6711, 0.2943,
0.2851

■ 92.9360, 0.3159,
0.3369

■ 49.0748, 0.2811,
0.2554

■ 99.0722, 0.3214,
0.3434

■ 38.3862, 0.2662,
0.2238

■ 29.5098, 0.2500,
0.1914

■ 22.3417, 0.2329,
0.1596

■ 16.7670, 0.2158,
0.1302

■ 12.6564, 0.1996,
0.1052

■ 9.8591, 0.1852,
0.0863

■ 8.1866, 0.1736,
0.0742

Harmonies

Analogous

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



76.2606, 0.2976, 0.3124



76.2606, 0.3059, 0.3123



76.2606, 0.3161, 0.3165

Triad

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



76.2606, 0.3059, 0.3123



76.2606, 0.3324, 0.3408



76.2606, 0.3000, 0.3340

Complementary

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



76.2606, 0.3059, 0.3123



85.3774, 0.3192, 0.3455

Split Complementary

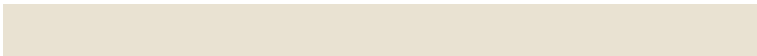
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.2606, 0.3091, 0.3420



76.2606, 0.3059, 0.3123



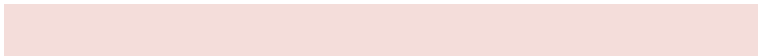
76.2606, 0.3279, 0.3459

Square

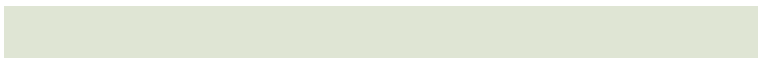
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.2606, 0.3059, 0.3123



76.2606, 0.3315, 0.3328



76.2606, 0.3193, 0.3463



76.2606, 0.2943, 0.3247

Rectangle

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



76.2606, 0.3059, 0.3123



76.2606, 0.3226, 0.3212



76.2606, 0.3193, 0.3463



76.2606, 0.3028, 0.3369

Sweetspot

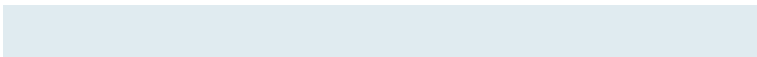
The Sweet Spot groups the original color and five complimentary colors.



76.2638, 0.3059, 0.3123



96.1295, 0.3107, 0.3241



81.6786, 0.3024, 0.3240



20.6162, 0.3108, 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.



76.2638, 0.3059, 0.3123



85.1020, 0.3044, 0.3088



77.5785, 0.3113, 0.3126



15.4678, 0.3028, 0.3049



4.3215, 0.1717, 0.0720



0.4103, 0.1857, 0.0797

Inverse Universe

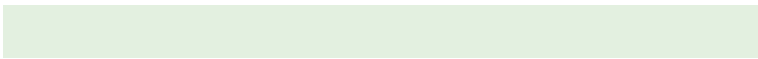
The Inverse Universe completely reimagines the original color for something new.



77.8414, 0.3167, 0.3177



87.2648, 0.3176, 0.3154



84.0760, 0.3140, 0.3458



15.9426, 0.3186, 0.3129



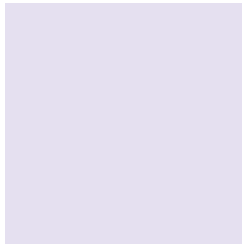
11.6561, 0.4190, 0.2082



0.9875, 0.4029, 0.1993

Previews

White Background



This preview shows how the Yxy color 76.2606, 0.3059, 0.3123 looks on a white background.

Color Contrast Check

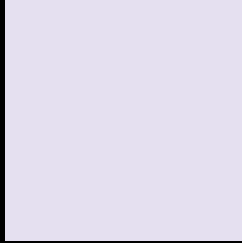
Large Text (above 18pt) WCAG AA × Fail

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 76.2606, 0.3059, 0.3123 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

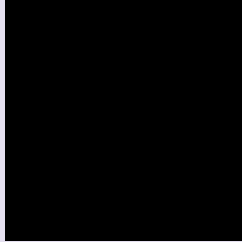
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

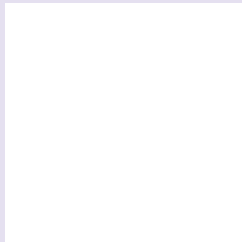
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.2606, 0.3059, 0.3123

Background



This preview shows how black text looks on a background with the Yxy color 76.2606, 0.3059, 0.3123.

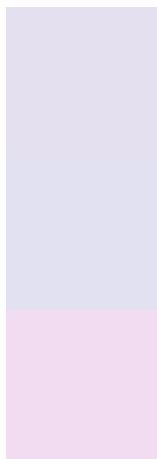


This preview shows how white text looks on a background with the Yxy color 76.2606, 0.3059, 0.3123.

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

76.2606, 0.3059, 0.3123

Protanopia

76.3701, 0.3032, 0.3122

Deuteranopia

76.4145, 0.3144, 0.3077



Tritanopia

76.3202, 0.3053, 0.3113

Trichromacy



Original Color

76.2606, 0.3059, 0.3123

Protanomaly

76.5322, 0.3039, 0.3123

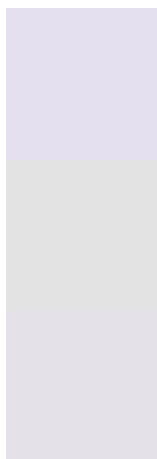
Deuteranomaly

76.0683, 0.3109, 0.3085

Tritanomaly

76.3202, 0.3053, 0.3113

Monochromacy



Original Color

76.2606, 0.3059, 0.3123

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

76.7129, 0.3103, 0.3227

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.2606, 0.3059, 0.3123 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, 240)` looks like.

```
.text, #text, p{  
    color:rgb(229, 224, 240)  
}
```

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, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 224, 240) }
```

Border

The CSS property to change the border of an element to Yxy 76.2606, 0.3059, 0.3123 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, 240) }
```

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

```
.border{ border-color:rgb(229, 224, 240) }
```

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, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 224, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 224, 240);  
box-shadow:4px 4px 4px 4px rgb(229, 224,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 76.2606, 0.3059, 0.3123 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, 240) }
```

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

```
.background{ background-color: rgb(229,  
224, 240) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor