

Converting Colors

$Yxy(76.7337, 0.3054, 0.3039)$

Have a look what the booklet for
Yxy(76.7337, 0.3054, 0.3039)
contains.

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Color

Yxy(76.6201, 0.3056, 0.3034)

Conversions

Conversions Part 1

Format	Color
Hex	EBDEF7
RGB	235, 222, 247
RGB Percent	92%, 87%, 97%
CMY	0.0784, 0.1294, 0.0312
CMYK	0.05, 0.10, 0.00, 0.03
HSL	271°, 61%, 92%
HSV	271°, 10%, 97%
XYZ	77.1757, 76.6201, 98.7424
YIQ	228.7370, -0.2770, 10.5310

Conversions

Conversions Part 2

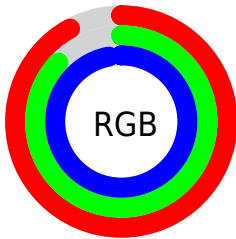
Format	Color
R _Y B	235, 222, 247
Decimal	15458039
CIE Lab	90.15, 8.94, -10.58
CIE LCh	90, 13.846, 310.192
Yxy	76.6201, 0.3056, 0.3034
Android (android.graphics.Color)	4293648119 (0xFFEBDEF7)
YUV	228.7370, 9.0037, 5.4927
Hunter-Lab	87.5329, 4.1966, -5.6097

Details

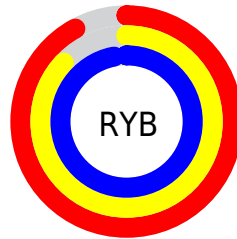
The Yxy color **76.6201, 0.3056, 0.3034** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **89.3123, 0.3193, 0.3547**, and the grayscale version is **78.0876, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.9827, 0.3034, 0.2974** is the 20% darker color. If you saturate the color by 10%, you get **62.4949, 0.2974, 0.2761**, and if you desaturate by 10%, it is **92.8091, 0.3126, 0.3287**.

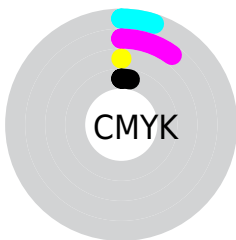
Distribution



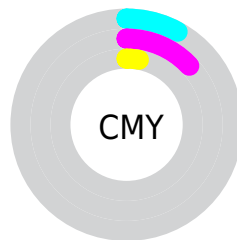
- Red (92%)
- Green (87%)
- Blue (97%)



- Red (92%)
- Yellow (87%)
- Blue (97%)



- Cyan (5%)
- Magenta (10%)
- Yellow (0%)
- Black (3%)





- Cyan (8%)
- Magenta (13%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.6201, 0.3056, 0.3034 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 76.6201, 0.3056, 0.3034 by changing the saturation by 10% instead.

 76.6201, 0.3056,
0.3034

 76.6201, 0.3056,
0.3034

483.4678, 0.3089,
0.3149

 56.9411, 0.3048,
0.3008


128.6031, 0.3068,
0.3073

 40.9580, 0.3039,
0.2977


161.6759, 0.3072,
0.3089

 28.2863, 0.3027,
0.2938

199.9821, 0.3076,
0.3102

 18.5416, 0.3011,
0.2887

243.9060, 0.3079,
0.3114

 11.3395, 0.2989,
0.2820

293.8322, 0.3082,
0.3125

 6.2957, 0.2957,
0.2726

350.1450, 0.3085,

 3.0257, 0.2906,

0.3134

0.2587

413.2287, 0.3087,
0.3142

■ 1.1452, 0.2816,
0.2356

■ 0.0162, 0.2319,
0.0161

■ 76.6201, 0.3056,
0.3034

■ 76.6201, 0.3056,
0.3034

■ 62.4949, 0.2974,
0.2761

■ 92.8091, 0.3126,
0.3287

■ 50.3378, 0.2878,
0.2473

■ 99.4974, 0.3173,
0.3366

■ 40.0601, 0.2771,
0.2175

■ 31.5621, 0.2653,
0.1880

■ 24.7348, 0.2526,
0.1601

■ 19.4568, 0.2397,
0.1352

■ 15.5891, 0.2270,
0.1148

■ 12.9670, 0.2151,
0.0998

■ 11.3339, 0.2045,
0.0900

Harmonies

Analogous

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



76.6201, 0.2912, 0.3015



76.6201, 0.3056, 0.3034



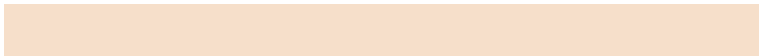
76.6201, 0.3222, 0.3116

Triad

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



76.6201, 0.3056, 0.3034



76.6201, 0.3436, 0.3506



76.6201, 0.2892, 0.3332

Complementary

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



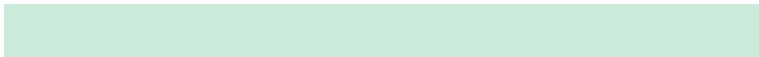
76.6201, 0.3056, 0.3034



89.3123, 0.3193, 0.3547

Split Complementary

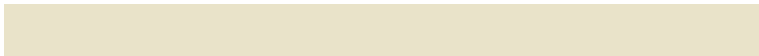
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.6201, 0.3028, 0.3474



76.6201, 0.3056, 0.3034



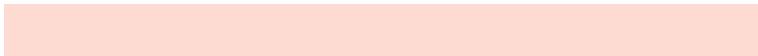
76.6201, 0.3342, 0.3573

Square

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



76.6201, 0.3056, 0.3034



76.6201, 0.3445, 0.3384



76.6201, 0.3192, 0.3563



76.6201, 0.2820, 0.3182

Rectangle

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



76.6201, 0.3056, 0.3034



76.6201, 0.3324, 0.3198



76.6201, 0.3192, 0.3563



76.6201, 0.2932, 0.3382

Sweetspot

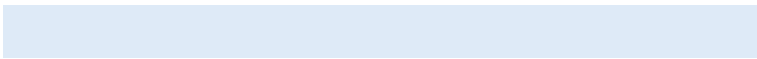
The Sweet Spot groups the original color and five complimentary colors.



76.6234, 0.3056, 0.3034



94.5254, 0.3107, 0.3216



81.1492, 0.2969, 0.3155



19.9266, 0.3102, 0.3196



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.



76.6234, 0.3056, 0.3034



79.3242, 0.3041, 0.2984



78.7145, 0.3142, 0.3045



16.3502, 0.3061, 0.3051



6.0775, 0.2061, 0.0909



0.5953, 0.2194, 0.0982

Inverse Universe

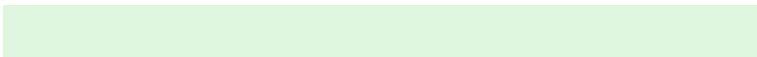
The Inverse Universe completely reimagines the original color for something new.



77.9648, 0.3225, 0.3169



81.0245, 0.3245, 0.3145



87.3674, 0.3112, 0.3548



16.6152, 0.3218, 0.3177



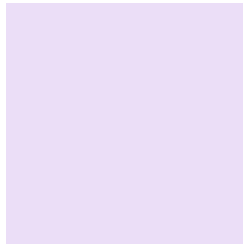
11.1864, 0.5043, 0.2552



1.0038, 0.4753, 0.2392

Previews

White Background



This preview shows how the Yxy color 76.6201, 0.3056, 0.3034 looks on a white background.

Color Contrast Check

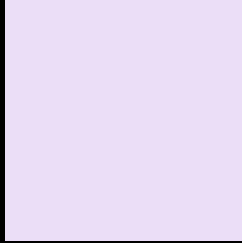
Large Text (above 18pt) WCAG AA × Fail

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 76.6201, 0.3056, 0.3034 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

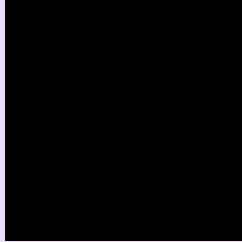
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

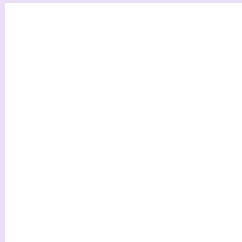
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.6201, 0.3056, 0.3034

Background



This preview shows how black text looks on a background with the Yxy color 76.6201, 0.3056, 0.3034.

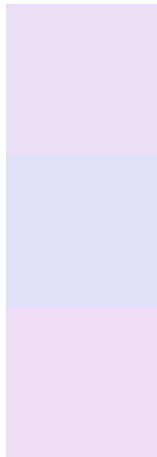


This preview shows how white text looks on a background with the Yxy color 76.6201, 0.3056, 0.3034.

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

76.6201, 0.3056, 0.3034

Protanopia

76.5373, 0.2970, 0.3040

Deuteranopia

76.2525, 0.3084, 0.3016



Tritanopia

76.6187, 0.3087, 0.3104

Trichromacy



Original Color

76.6201, 0.3056, 0.3034

Protanomaly

76.5826, 0.3002, 0.3042

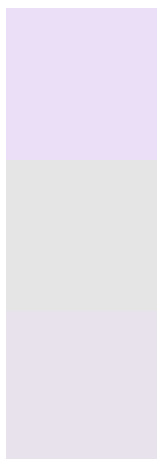
Deuteranomaly

76.6054, 0.3077, 0.3026

Tritanomaly

76.7388, 0.3075, 0.3084

Monochromacy



Original Color

76.6201, 0.3056, 0.3034

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

77.4378, 0.3098, 0.3186

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.6201, 0.3056, 0.3034 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, 247)` looks like.

```
.text, #text, p{  
    color:rgb(235, 222, 247)  
}
```

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, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 222, 247) }
```

Border

The CSS property to change the border of an element to Yxy 76.6201, 0.3056, 0.3034 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, 247) }
```

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

```
.border{ border-color:rgb(235, 222, 247) }
```

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, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 222, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 222, 247);  
box-shadow:4px 4px 4px 4px rgb(235, 222,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 76.6201, 0.3056, 0.3034 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, 247) }
```

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

```
.background{ background-color: rgb(235,  
222, 247) }
```

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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