

Converting Colors

$Yxy(76.0884, 0.3025, 0.3058)$

Have a look what the booklet for
Yxy(76.0884, 0.3025, 0.3058)
contains.

Yxy(76.0259, 0.3028, 0.3062)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(76.0259, 0.3028, 0.3062)

Conversions

Conversions Part 1

Format	Color
Hex	E5DFF5
RGB	229, 223, 245
RGB Percent	90%, 87%, 96%
CMY	0.1019, 0.1255, 0.0393
CMYK	0.07, 0.09, 0.00, 0.04
HSL	256°, 52%, 92%
HSV	256°, 9%, 96%
XYZ	75.1817, 76.0259, 97.0808
YIQ	227.3020, -3.4860, 8.1140

Conversions

Conversions Part 2

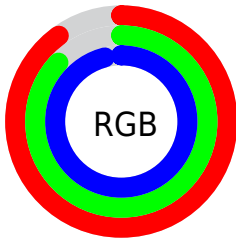
Format	Color
R _Y B	229, 223, 245
Decimal	15065077
CIE Lab	89.87, 6.07, -9.96
CIE LCh	90, 11.662, 301.357
Yxy	76.0259, 0.3028, 0.3062
Android (android.graphics.Color)	4293255157 (0xFFE5DFF5)
YUV	227.3020, 8.7251, 1.4891
Hunter-Lab	87.1928, 1.3236, -4.9787

Details

The Yxy color $76.0259, 0.3028, 0.3062$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $88.9666, 0.3221, 0.3514$, and the grayscale version is $76.9865, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $40.6781, 0.3007, 0.3009$ is the 20% darker color. If you saturate the color by 10%, you get $61.0914, 0.2901, 0.2782$, and if you desaturate by 10%, it is $93.1610, 0.3138, 0.3315$.

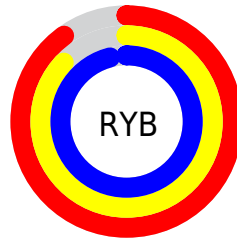
Distribution



Red (90%)

Green (87%)

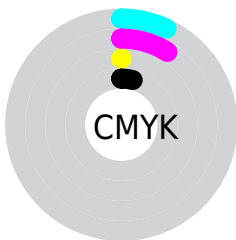
Blue (96%)



Red (90%)

Yellow (87%)

Blue (96%)

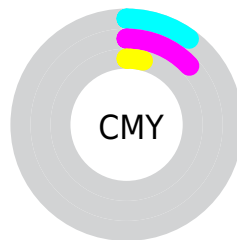


Cyan (7%)

Magenta (9%)

Yellow (0%)

Black (4%)



Cyan (10%)

Magenta (13%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.0259, 0.3028, 0.3062 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 76.0259, 0.3028, 0.3062 by changing the saturation by 10% instead.

76.0259, 0.3028,
0.3062

76.0259, 0.3028,
0.3062

481.4364, 0.3074,
0.3165

56.4537, 0.3017,
0.3039

127.7635, 0.3044,
0.3097

40.5668, 0.3005,
0.3011

160.6978, 0.3050,
0.3111

27.9808, 0.2988,
0.2975

198.8548, 0.3056,
0.3123

18.3112, 0.2967,
0.2929

242.6191, 0.3060,
0.3134

11.1736, 0.2937,
0.2868

292.3750, 0.3064,
0.3143

6.1837, 0.2895,
0.2782

348.5069, 0.3068,

2.9571, 0.2829,

0.3151

0.2652

411.3993, 0.3071,
0.3159

■ 1.1094, 0.2713,
0.2435

■ 0.0000, 0.1651,
0.0000

■ 76.0259, 0.3028,
0.3062

■ 76.0259, 0.3028,
0.3062

■ 61.0914, 0.2901,
0.2782

■ 93.1610, 0.3138,
0.3315

■ 48.2579, 0.2757,
0.2477

■ 99.3713, 0.3185,
0.3386

■ 37.4324, 0.2597,
0.2154

■ 28.5110, 0.2424,
0.1825

■ 21.3803, 0.2245,
0.1505

■ 15.9147, 0.2069,
0.1214

■ 11.9715, 0.1908,
0.0974

■ 9.3830, 0.1771,
0.0800

■ 7.9037, 0.1666,
0.0695

Harmonies

Analogous

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



76.0259, 0.2918, 0.3064



76.0259, 0.3028, 0.3062



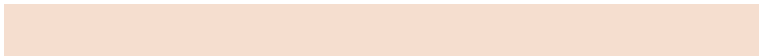
76.0259, 0.3167, 0.3117

Triad

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



76.0259, 0.3028, 0.3062



76.0259, 0.3398, 0.3446



76.0259, 0.2958, 0.3363

Complementary

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



76.0259, 0.3028, 0.3062



88.9666, 0.3221, 0.3514

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.



76.0259, 0.3083, 0.3473



76.0259, 0.3028, 0.3062



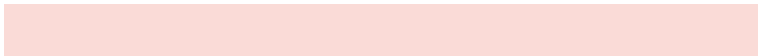
76.0259, 0.3338, 0.3519

Square

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



76.0259, 0.3028, 0.3062



76.0259, 0.3383, 0.3336



76.0259, 0.3223, 0.3530



76.0259, 0.2878, 0.3236

Rectangle

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



76.0259, 0.3028, 0.3062



76.0259, 0.3257, 0.3180



76.0259, 0.3223, 0.3530



76.0259, 0.2996, 0.3404

Sweetspot

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



76.0291, 0.3028, 0.3062



94.1767, 0.3095, 0.3216



84.0832, 0.2988, 0.3229



19.8326, 0.3087, 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.



76.0291, 0.3028, 0.3062



79.7278, 0.3003, 0.3007



77.8687, 0.3102, 0.3067



16.1458, 0.3022, 0.3048



4.2522, 0.1670, 0.0694



0.4226, 0.1796, 0.0763

Inverse Universe

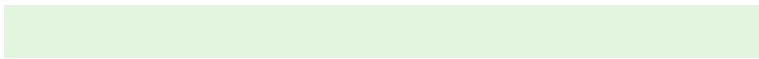
The Inverse Universe completely reimagines the original color for something new.



78.4172, 0.3177, 0.3129



82.9068, 0.3189, 0.3091



87.1361, 0.3150, 0.3518



16.6865, 0.3180, 0.3120



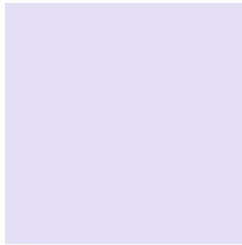
12.2148, 0.4048, 0.2003



1.0908, 0.3918, 0.1932

Previews

White Background



This preview shows how the Yxy color 76.0259, 0.3028, 0.3062 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 76.0259, 0.3028, 0.3062 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

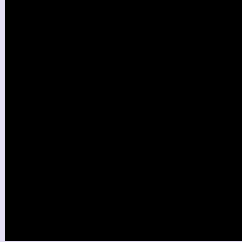
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 76.0259, 0.3028, 0.3062

Background



This preview shows how black text looks on a background with the Yxy color 76.0259, 0.3028, 0.3062.



This preview shows how white text looks on a background with the Yxy color 76.0259, 0.3028, 0.3062.

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

76.0259, 0.3028, 0.3062

Protanopia

75.8124, 0.2988, 0.3060

Deuteranopia

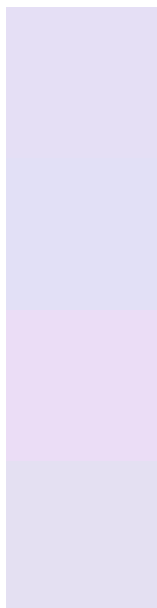
76.1909, 0.3091, 0.3026



Tritanopia

76.1562, 0.3046, 0.3113

Trichromacy



Original Color

76.0259, 0.3028, 0.3062

Protanomaly

76.1339, 0.3001, 0.3061

Deuteranomaly

76.0289, 0.3063, 0.3034

Tritanomaly

76.2161, 0.3040, 0.3102

Monochromacy



Original Color

76.0259, 0.3028, 0.3062

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

76.8272, 0.3090, 0.3206

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.0259, 0.3028, 0.3062 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, 223, 245)` looks like.

```
.text, #text, p{  
    color:rgb(229, 223, 245)  
}
```

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, 223, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 223, 245) }
```

Border

The CSS property to change the border of an element to Yxy 76.0259, 0.3028, 0.3062 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, 223, 245) }
```

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

```
.border{ border-color:rgb(229, 223, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 223, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(229, 223, 245); -webkit-box-shadow:4px 4px 4px 4px rgb(229, 223, 245); box-shadow:4px 4px 4px 4px rgb(229, 223, 245) }
```


Background

The CSS property to change the background color of an element to Yxy 76.0259, 0.3028, 0.3062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 223, 245) }
```

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

```
.background{ background-color: rgb(229,  
223, 245) }
```

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