

Converting Colors

$Yxy(62.0031, 0.3044, 0.3054)$

Have a look what the booklet for
Yxy(62.0031, 0.3044, 0.3054)
contains.

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Color

Yxy(61.9426, 0.3040, 0.3054)

Conversions

Conversions Part 1

Format	Color
Hex	D3CBE0
RGB	211, 203, 224
RGB Percent	83%, 80%, 88%
CMY	0.1728, 0.2038, 0.1216
CMYK	0.06, 0.09, 0.00, 0.12
HSL	263°, 25%, 84%
HSV	263°, 9%, 88%
XYZ	61.6586, 61.9426, 79.2232
YIQ	207.7860, -1.9730, 8.2270

Conversions

Conversions Part 2

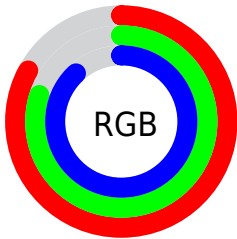
Format	Color
R _Y B	211, 203, 224
Decimal	13880288
CIE Lab	82.88, 6.62, -9.40
CIE LCh	83, 11.492, 305.144
Yxy	61.9426, 0.3040, 0.3054
Android (android.graphics.Color)	4292070368 (0xFFD3CBE0)
YUV	207.7860, 7.9935, 2.8187
Hunter-Lab	78.7036, 2.1106, -4.5889

Details

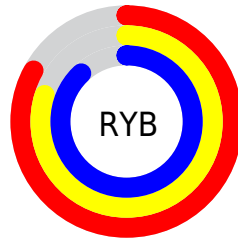
The Yxy color $61.9426, 0.3040, 0.3054$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $72.2352, 0.3209, 0.3523$, and the grayscale version is $62.8748, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $31.4274, 0.3012, 0.2994$ is the 20% darker color. If you saturate the color by 10%, you get $50.1450, 0.2932, 0.2779$, and if you desaturate by 10%, it is $75.4530, 0.3133, 0.3305$.

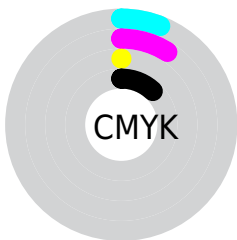
Distribution



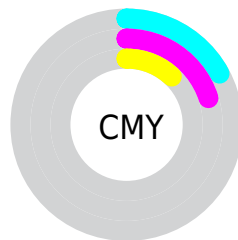
- Red (83%)
- Green (80%)
- Blue (88%)



- Red (83%)
- Yellow (80%)
- Blue (88%)



- Cyan (6%)
- Magenta (9%)
- Yellow (0%)
- Black (12%)



- Cyan (17%)
- Magenta (20%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.9426, 0.3040, 0.3054 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 61.9426, 0.3040, 0.3054 by changing the saturation by 10% instead.

■ 61.9426, 0.3040,
0.3054

■ 61.9426, 0.3040,
0.3054

431.7217, 0.3082,
0.3165

■ 44.9863, 0.3030,
0.3028

107.6426, 0.3055,
0.3093

■ 31.4467, 0.3017,
0.2996

137.1550, 0.3061,
0.3108

■ 20.9392, 0.3001,
0.2955

171.6217, 0.3066,
0.3121

■ 13.0796, 0.2979,
0.2901

211.4270, 0.3070,
0.3132

■ 7.4834, 0.2948,
0.2826

256.9552, 0.3073,
0.3142

■ 3.7662, 0.2900,
0.2716

308.5908, 0.3077,

■ 1.5436, 0.2818,

0.3150

0.2539

366.7182, 0.3080,
0.3158

0.3192, 0.2598,
0.1784

0.0000, 0.0000,
0.0000

61.9426, 0.3040,
0.3054

61.9426, 0.3040,
0.3054

50.1450, 0.2932,
0.2779

75.4530, 0.3133,
0.3305

39.9826, 0.2809,
0.2482

90.7339, 0.3211,
0.3531

31.3832, 0.2671,
0.2171

97.7472, 0.3295,
0.3593

24.2664, 0.2521,
0.1857

98.1616, 0.3310,
0.3592

■ 18.5441, 0.2363,
0.1554

■ 14.1188, 0.2204,
0.1279

■ 10.8795, 0.2053,
0.1050

■ 8.6958, 0.1917,
0.0880

■ 7.3586, 0.1803,
0.0769

Harmonies

Analogous

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



61.9426, 0.2918, 0.3048



61.9426, 0.3040, 0.3054



61.9426, 0.3188, 0.3119

Triad

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



61.9426, 0.3040, 0.3054



61.9426, 0.3409, 0.3467



61.9426, 0.2935, 0.3351

Complementary

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



61.9426, 0.3040, 0.3054



72.2352, 0.3209, 0.3523

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.



61.9426, 0.3063, 0.3471



61.9426, 0.3040, 0.3054



61.9426, 0.3337, 0.3537

Square

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



61.9426, 0.3040, 0.3054



61.9426, 0.3403, 0.3354



61.9426, 0.3210, 0.3539



61.9426, 0.2859, 0.3216

Rectangle

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



61.9426, 0.3040, 0.3054



61.9426, 0.3281, 0.3188



61.9426, 0.3210, 0.3539



61.9426, 0.2973, 0.3394

Sweetspot

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



61.9452, 0.3040, 0.3054



94.3229, 0.3100, 0.3216



67.3514, 0.2983, 0.3203



19.8720, 0.3093, 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.



61.9452, 0.3040, 0.3054



80.2253, 0.3023, 0.3008



63.5102, 0.3117, 0.3060



13.4937, 0.3039, 0.3052



4.3017, 0.1812, 0.0772



0.3483, 0.1985, 0.0867

Inverse Universe

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



63.5343, 0.3195, 0.3146



82.7285, 0.3208, 0.3119



70.7186, 0.3136, 0.3529



13.8435, 0.3195, 0.3145



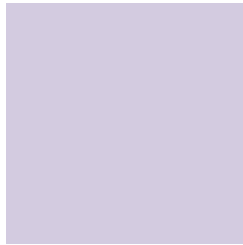
10.3422, 0.4441, 0.2220



0.7341, 0.4201, 0.2088

Previews

White Background



This preview shows how the Yxy color 61.9426, 0.3040, 0.3054 looks on a white background.

Color Contrast Check

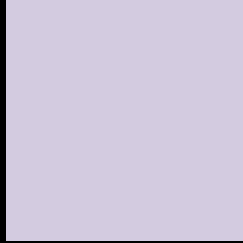
Large Text (above 18pt) WCAG AA × Fail

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 61.9426, 0.3040, 0.3054 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

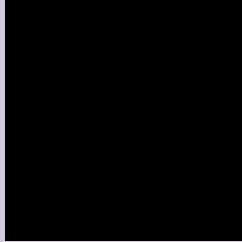
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.9426, 0.3040, 0.3054

Background



This preview shows how black text looks on a background with the Yxy color 61.9426, 0.3040, 0.3054.



This preview shows how white text looks on a background with the Yxy color 61.9426, 0.3040, 0.3054.

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

61.9426, 0.3040, 0.3054

Protanopia

61.9363, 0.2982, 0.3062

Deuteranopia

62.0605, 0.3093, 0.3035



Tritanopia

62.0547, 0.3060, 0.3109

Trichromacy



Original Color

61.9426, 0.3040, 0.3054

Protanomaly

61.8874, 0.3004, 0.3052

Deuteranomaly

62.0700, 0.3071, 0.3045

Tritanomaly

62.1078, 0.3054, 0.3098

Monochromacy



Original Color

61.9426, 0.3040, 0.3054

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

62.5530, 0.3094, 0.3199

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.9426, 0.3040, 0.3054 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(211, 203, 224)` looks like.

```
.text, #text, p{  
    color:rgb(211, 203, 224)  
}
```

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(211, 203, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 203, 224) }
```

Border

The CSS property to change the border of an element to Yxy 61.9426, 0.3040, 0.3054 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(211, 203, 224) }
```

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

```
.border{ border-color:rgb(211, 203, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 203, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 203, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 203, 224);  
box-shadow:4px 4px 4px 4px rgb(211, 203,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 61.9426, 0.3040, 0.3054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 203, 224) }
```

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

```
.background{ background-color: rgb(211,  
203, 224) }
```

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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