

Converting Colors

$Yxy(60.0253, 0.3042, 0.2976)$

Have a look what the booklet for
Yxy(60.0253, 0.3042, 0.2976)
contains.

Yxy(60.0253, 0.3042, 0.2976)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(60.0253, 0.3042, 0.2976)

Conversions

Conversions Part 1

Format	Color
Hex	D5C6E2
RGB	213, 198, 226
RGB Percent	84%, 78%, 89%
CMY	0.1648, 0.2235, 0.1137
CMYK	0.06, 0.12, 0.00, 0.11
HSL	272°, 33%, 83%
HSV	272°, 12%, 89%
XYZ	61.3565, 60.0253, 80.3161
YIQ	205.6770, -0.0480, 11.8880

Conversions

Conversions Part 2

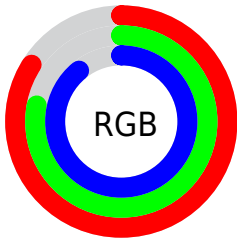
Format	Color
R _Y B	213, 198, 226
Decimal	14010082
CIE Lab	81.85, 10.35, -12.00
CIE LCh	82, 15.846, 310.785
Yxy	60.0253, 0.3042, 0.2976
Android (android.graphics.Color)	4292200162 (0xFFD5C6E2)
YUV	205.6770, 10.0192, 6.4223
Hunter-Lab	77.4760, 5.7787, -7.2303

Details

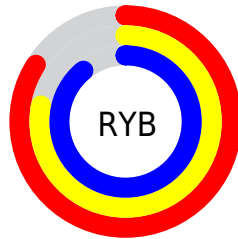
The Yxy color $60.0253, 0.3042, 0.2976$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $72.3393, 0.3204, 0.3606$, and the grayscale version is $61.4386, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $30.1559, 0.3014, 0.2892$ is the 20% darker color. If you saturate the color by 10%, you get $48.9298, 0.2960, 0.2701$, and if you desaturate by 10%, it is $72.7700, 0.3112, 0.3232$.

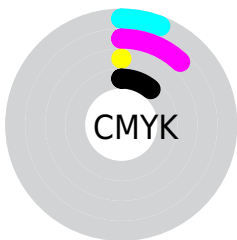
Distribution



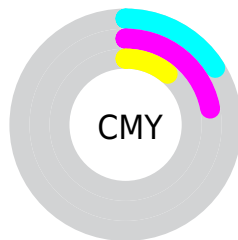
- Red (84%)
- Green (78%)
- Blue (89%)



- Red (84%)
- Yellow (78%)
- Blue (89%)



- Cyan (6%)
- Magenta (12%)
- Yellow (0%)
- Black (11%)



- Cyan (16%)
- Magenta (22%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.0253, 0.3042, 0.2976 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 60.0253, 0.3042, 0.2976 by changing the saturation by 10% instead.

60.0253, 0.3042,
0.2976

60.0253, 0.3042,
0.2976

424.6910, 0.3084,
0.3123

43.4390, 0.3032,
0.2942

104.8664, 0.3057,
0.3027

30.2297, 0.3019,
0.2900

133.8900, 0.3063,
0.3047

20.0130, 0.3002,
0.2845

167.8281, 0.3068,
0.3064

12.4045, 0.2979,
0.2774

207.0652, 0.3072,
0.3079

7.0198, 0.2946,
0.2676

251.9856, 0.3075,
0.3092

3.4745, 0.2894,
0.2532

302.9738, 0.3079,

1.3842, 0.2804,

0.3104

360.4142, 0.3081,
0.3114

0.2302

0.2050, 0.2605,
0.1193

0.0000, 0.0000,
0.0000

60.0253, 0.3042,
0.2976

60.0253, 0.3042,
0.2976

48.9298, 0.2960,
0.2701

72.7700, 0.3112,
0.3232

39.4058, 0.2866,
0.2413

87.2220, 0.3171,
0.3467

31.3808, 0.2760,
0.2118

96.3469, 0.3230,
0.3577

24.7734, 0.2644,
0.1829

98.2720, 0.3297,
0.3572

■ 19.4941, 0.2521,
0.1558

■ 15.4429, 0.2396,
0.1321

■ 12.5050, 0.2273,
0.1129

■ 10.5425, 0.2159,
0.0992

■ 9.5339, 0.2079,
0.0919

Harmonies

Analogous

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



60.0253, 0.2864, 0.2950



60.0253, 0.3042, 0.2976



60.0253, 0.3249, 0.3079

Triad

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



60.0253, 0.3042, 0.2976



60.0253, 0.3509, 0.3558



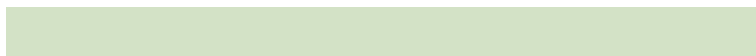
60.0253, 0.2834, 0.3337

Complementary

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



60.0253, 0.3042, 0.2976



72.3393, 0.3204, 0.3606

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.



60.0253, 0.2999, 0.3516



60.0253, 0.3042, 0.2976



60.0253, 0.3390, 0.3643

Square

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



60.0253, 0.3042, 0.2976



60.0253, 0.3523, 0.3408



60.0253, 0.3202, 0.3630



60.0253, 0.2747, 0.3151

Rectangle

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



60.0253, 0.3042, 0.2976



60.0253, 0.3374, 0.3178



60.0253, 0.3202, 0.3630



60.0253, 0.2882, 0.3401

Sweetspot

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



60.0279, 0.3042, 0.2976



92.7734, 0.3101, 0.3191



64.1294, 0.2934, 0.3119



19.5751, 0.3096, 0.3173



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.



60.0279, 0.3042, 0.2976



74.7513, 0.3021, 0.2903



62.0073, 0.3148, 0.2995



13.6018, 0.3064, 0.3054



5.5095, 0.2094, 0.0927



0.4350, 0.2256, 0.1017

Inverse Universe

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



61.2729, 0.3252, 0.3146



76.7306, 0.3283, 0.3113



70.5316, 0.3106, 0.3603



13.8063, 0.3219, 0.3181



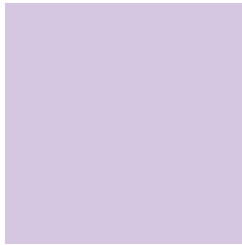
9.8335, 0.5095, 0.2580



0.6996, 0.4729, 0.2379

Previews

White Background



This preview shows how the Yxy color 60.0253, 0.3042, 0.2976 looks on a white background.

Color Contrast Check

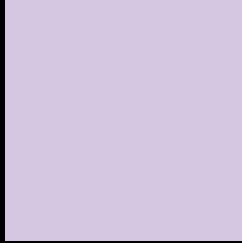
Large Text (above 18pt) WCAG AA × Fail

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 60.0253, 0.3042, 0.2976 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

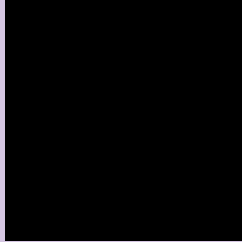
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.0253, 0.3042, 0.2976

Background



This preview shows how black text looks on a background with the Yxy color 60.0253, 0.3042, 0.2976.



This preview shows how white text looks on a background with the Yxy color 60.0253, 0.3042, 0.2976.

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

60.0253, 0.3042, 0.2976

Protanopia

60.1776, 0.2926, 0.2981

Deuteranopia

60.0253, 0.3042, 0.2976



Tritanopia

60.1153, 0.3097, 0.3108

Trichromacy



Original Color

60.0253, 0.3042, 0.2976

Protanomaly

60.3539, 0.2969, 0.2983

Deuteranomaly

60.0253, 0.3042, 0.2976

Tritanomaly

60.0112, 0.3077, 0.3052

Monochromacy



Original Color

60.0253, 0.3042, 0.2976

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.0713, 0.3102, 0.3175

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.0253, 0.3042, 0.2976 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(213, 198, 226)` looks like.

```
.text, #text, p{  
    color:rgb(213, 198, 226)  
}
```

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(213, 198, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 198, 226) }
```

Border

The CSS property to change the border of an element to Yxy 60.0253, 0.3042, 0.2976 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(213, 198, 226) }
```

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

```
.border{ border-color:rgb(213, 198, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 198, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 198, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 198, 226);  
box-shadow:4px 4px 4px 4px rgb(213, 198,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 60.0253, 0.3042, 0.2976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 198, 226) }
```

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

```
.background{ background-color: rgb(213,  
198, 226) }
```

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