

Converting Colors

$Yxy(60.1752, 0.3073, 0.2968)$

Have a look what the booklet for
Yxy(60.1752, 0.3073, 0.2968)
contains.

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Color

Yxy(60.1752, 0.3073, 0.2968)

Conversions

Conversions Part 1

Format	Color
Hex	D9C5E2
RGB	217, 197, 226
RGB Percent	85%, 77%, 89%
CMY	0.1491, 0.2274, 0.1138
CMYK	0.04, 0.13, 0.00, 0.11
HSL	281°, 33%, 83%
HSV	281°, 13%, 89%
XYZ	62.3040, 60.1752, 80.2674
YIQ	206.2860, 2.6110, 13.2590

Conversions

Conversions Part 2

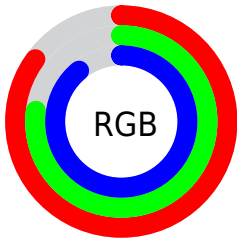
Format	Color
R _Y B	217, 197, 226
Decimal	14271970
CIE Lab	81.93, 12.21, -11.82
CIE LCh	82, 16.997, 315.935
Yxy	60.1752, 0.3073, 0.2968
Android (android.graphics.Color)	4292462050 (0xFFD9C5E2)
YUV	206.2860, 9.7190, 9.3962
Hunter-Lab	77.5727, 7.6136, -7.0487

Details

The Yxy color $60.1752, 0.3073, 0.2968$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $71.5356, 0.3174, 0.3620$, and the grayscale version is $61.8497, 0.3127, 0.3290$.

A 20% lighter version of the original color is $99.3636, 0.3128, 0.3281$, and $30.2666, 0.3054, 0.2882$ is the 20% darker color. If you saturate the color by 10%, you get $49.6202, 0.3022, 0.2701$, and if you desaturate by 10%, it is $72.3193, 0.3116, 0.3222$.

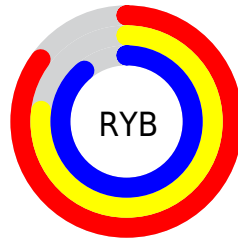
Distribution



Red (85%)

Green (77%)

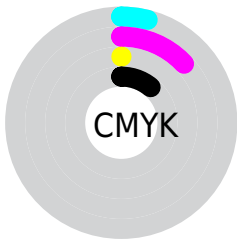
Blue (89%)



Red (85%)

Yellow (77%)

Blue (89%)

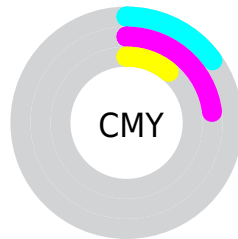


Cyan (4%)

Magenta (13%)

Yellow (0%)

Black (11%)



Cyan (15%)

Magenta (23%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.1752, 0.3073, 0.2968 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 60.1752, 0.3073, 0.2968 by changing the saturation by 10% instead.

60.1752, 0.3073,
0.2968

60.1752, 0.3073,
0.2968

425.2433, 0.3100,
0.3119

43.5599, 0.3066,
0.2933

105.0838, 0.3083,
0.3021

30.3246, 0.3058,
0.2890

134.1458, 0.3087,
0.3041

20.0851, 0.3046,
0.2835

168.1255, 0.3090,
0.3058

12.4569, 0.3030,
0.2763

207.4073, 0.3092,
0.3074

7.0557, 0.3007,
0.2663

252.3756, 0.3095,
0.3087

3.4969, 0.2970,
0.2518

303.4148, 0.3097,

1.3963, 0.2904,

0.3099

0.2286

360.9092, 0.3099,
0.3109

0.2140, 0.2821,
0.1204

0.0000, 0.0000,
0.0000

60.1752, 0.3073,
0.2968

60.1752, 0.3073,
0.2968

49.6202, 0.3022,
0.2701

72.3193, 0.3116,
0.3222

40.5779, 0.2962,
0.2426

86.1094, 0.3152,
0.3458

32.9769, 0.2893,
0.2151

95.1921, 0.3189,
0.3581

26.7369, 0.2818,
0.1888

96.4300, 0.3233,
0.3578

■ 21.7697, 0.2737,
0.1647

■ 97.7157, 0.3279,
0.3574

■ 17.9764, 0.2652,
0.1441

■ 98.2699, 0.3298,
0.3572

■ 15.2431, 0.2567,
0.1280

■ 13.4323, 0.2485,
0.1168

■ 12.5427, 0.2428,
0.1111

Harmonies

Analogous

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



60.1752, 0.2873, 0.2925



60.1752, 0.3073, 0.2968



60.1752, 0.3294, 0.3089

Triad

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



60.1752, 0.3073, 0.2968



60.1752, 0.3522, 0.3599



60.1752, 0.2790, 0.3305

Complementary

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



60.1752, 0.3073, 0.2968



71.5356, 0.3174, 0.3620

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.



60.1752, 0.2955, 0.3504



60.1752, 0.3073, 0.2968



60.1752, 0.3378, 0.3674

Square

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



60.1752, 0.3073, 0.2968



60.1752, 0.3558, 0.3446



60.1752, 0.3169, 0.3642



60.1752, 0.2715, 0.3110

Rectangle

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



60.1752, 0.3073, 0.2968



60.1752, 0.3422, 0.3201



60.1752, 0.3169, 0.3642



60.1752, 0.2837, 0.3374

Sweetspot

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



60.1778, 0.3073, 0.2968



93.0684, 0.3112, 0.3192



61.5934, 0.2926, 0.3062



19.6499, 0.3108, 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.



60.1778, 0.3073, 0.2968



75.7946, 0.3062, 0.2908



61.3061, 0.3181, 0.3031



13.7111, 0.3089, 0.3055



7.2225, 0.2440, 0.1118



0.5473, 0.2562, 0.1185

Inverse Universe

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



60.5596, 0.3291, 0.3190



76.3929, 0.3325, 0.3172



70.5333, 0.3078, 0.3563



13.7702, 0.3243, 0.3217



9.4963, 0.5717, 0.2923



0.6740, 0.5277, 0.2681

Previews

White Background



This preview shows how the Yxy color 60.1752, 0.3073, 0.2968 looks on a white background.

Color Contrast Check

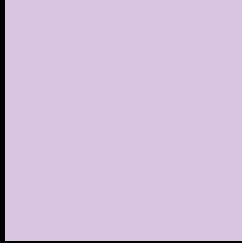
Large Text (above 18pt) WCAG AA × Fail

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 60.1752, 0.3073, 0.2968 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

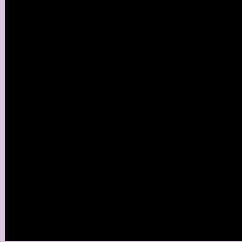
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.1752, 0.3073, 0.2968

Background



This preview shows how black text looks on a background with the Yxy color 60.1752, 0.3073, 0.2968.



This preview shows how white text looks on a background with the Yxy color 60.1752, 0.3073, 0.2968.

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

60.1752, 0.3073, 0.2968

Protanopia

60.1776, 0.2926, 0.2981

Deuteranopia

60.0253, 0.3042, 0.2976



Tritanopia

60.2002, 0.3136, 0.3109

Trichromacy



Original Color

60.1752, 0.3073, 0.2968

Protanomaly

60.0318, 0.2976, 0.2972

Deuteranomaly

60.1753, 0.3050, 0.2977

Tritanomaly

60.1016, 0.3115, 0.3054

Monochromacy



Original Color

60.1752, 0.3073, 0.2968

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.2176, 0.3110, 0.3176

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.1752, 0.3073, 0.2968 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(217, 197, 226)` looks like.

```
.text, #text, p{  
    color:rgb(217, 197, 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(217, 197, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 197, 226) }
```

Border

The CSS property to change the border of an element to Yxy 60.1752, 0.3073, 0.2968 is called "border". The border property can be set on classes, ids or directly on the HTML element.

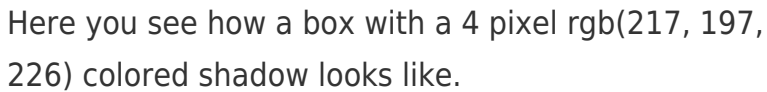
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(217, 197, 226) }
```

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

```
.border{ border-color:rgb(217, 197, 226) }
```

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



Here you see how a box with a 4 pixel `rgb(217, 197, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 197, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 197, 226); box-shadow:4px 4px 4px 4px rgb(217, 197, 226) }
```


Background

The CSS property to change the background color of an element to Yxy 60.1752, 0.3073, 0.2968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 197, 226) }
```

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

```
.background{ background-color: rgb(217,  
197, 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](#).

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