

Converting Colors

$Yxy(58.9534, 0.2978, 0.2918)$

Have a look what the booklet for
Yxy(58.9534, 0.2978, 0.2918)
contains.

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Color

Yxy(59.0556, 0.2977, 0.2918)

Conversions

Conversions Part 1

Format	Color
Hex	D0C5E6
RGB	208, 197, 230
RGB Percent	82%, 77%, 90%
CMY	0.1845, 0.2274, 0.0981
CMYK	0.10, 0.14, 0.00, 0.10
HSL	260°, 40%, 84%
HSV	260°, 14%, 90%
XYZ	60.2497, 59.0556, 83.0786
YIQ	204.0510, -4.0370, 12.5950

Conversions

Conversions Part 2

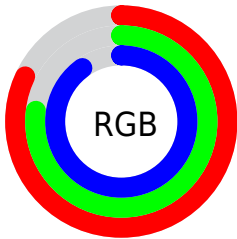
Format	Color
R _Y B	208, 197, 230
Decimal	13682150
CIE Lab	81.32, 10.02, -14.96
CIE LCh	81, 18.005, 303.814
Yxy	59.0556, 0.2977, 0.2918
Android (android.graphics.Color)	4291872230 (0xFFD0C5E6)
YUV	204.0510, 12.7929, 3.4633
Hunter-Lab	76.8476, 5.4632, -10.3040

Details

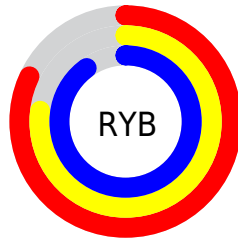
The Yxy color **59.0556, 0.2977, 0.2918** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **75.6906, 0.3263, 0.3653**, and the grayscale version is **60.3345, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3636, 0.3128, 0.3281**, and **29.4732, 0.2937, 0.2829** is the 20% darker color. If you saturate the color by 10%, you get **47.2754, 0.2853, 0.2628**, and if you desaturate by 10%, it is **72.6502, 0.3085, 0.3183**.

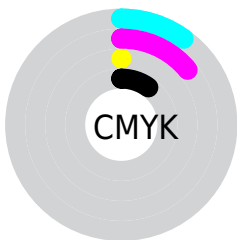
Distribution



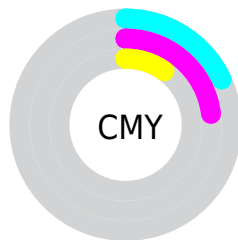
- Red (82%)
- Green (77%)
- Blue (90%)



- Red (82%)
- Yellow (77%)
- Blue (90%)



- Cyan (10%)
- Magenta (14%)
- Yellow (0%)
- Black (10%)



- Cyan (18%)
- Magenta (23%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.0556, 0.2977, 0.2918 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 59.0556, 0.2977, 0.2918 by changing the saturation by 10% instead.

■ 59.0556, 0.2977,
0.2918

■ 59.0556, 0.2977,
0.2918

421.1079, 0.3050,
0.3093

■ 42.6579, 0.2959,
0.2878

103.4585, 0.3003,
0.2979

■ 29.6168, 0.2937,
0.2827

132.2324, 0.3013,
0.3003

■ 19.5479, 0.2908,
0.2763

165.9005, 0.3022,
0.3023

■ 12.0668, 0.2869,
0.2679

204.8473, 0.3029,
0.3040

■ 6.7892, 0.2813,
0.2563

249.4570, 0.3035,
0.3056

■ 3.3306, 0.2727,
0.2394

300.1140, 0.3041,

■ 1.3067, 0.2581,

0.3070

0.2126

357.2029, 0.3046,
0.3082

0.1464, 0.2185,
0.0834

0.0000, 0.0000,
0.0000

59.0556, 0.2977,
0.2918

59.0556, 0.2977,
0.2918

47.2754, 0.2853,
0.2628

72.6502, 0.3085,
0.3183

37.2242, 0.2712,
0.2319

88.1251, 0.3178,
0.3422

28.8205, 0.2557,
0.1999

98.3181, 0.3268,
0.3533

21.9732, 0.2393,
0.1681

98.4927, 0.3274,
0.3532

■ 16.5824, 0.2224,
0.1383

■ 12.5357, 0.2062,
0.1123

■ 9.7038, 0.1914,
0.0919

■ 7.9300, 0.1789,
0.0781

■ 7.2587, 0.1730,
0.0727

Harmonies

Analogous

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



59.0556, 0.2790, 0.2910



59.0556, 0.2977, 0.2918



59.0556, 0.3211, 0.3016

Triad

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



59.0556, 0.2977, 0.2918



59.0556, 0.3579, 0.3560



59.0556, 0.2829, 0.3395

Complementary

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



59.0556, 0.2977, 0.2918



75.6906, 0.3263, 0.3653

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.



59.0556, 0.3032, 0.3589



59.0556, 0.2977, 0.2918



59.0556, 0.3468, 0.3680

Square

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



59.0556, 0.2977, 0.2918



59.0556, 0.3566, 0.3377



59.0556, 0.3266, 0.3694



59.0556, 0.2708, 0.3176

Rectangle

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



59.0556, 0.2977, 0.2918



59.0556, 0.3362, 0.3121



59.0556, 0.3266, 0.3694



59.0556, 0.2890, 0.3466

Sweetspot

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



59.0581, 0.2977, 0.2918



92.3934, 0.3088, 0.3191



68.5369, 0.2906, 0.3172



19.4791, 0.3081, 0.3172



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.



59.0581, 0.2977, 0.2918



70.3040, 0.2944, 0.2840



61.4942, 0.3098, 0.2931



14.1180, 0.3032, 0.3051



4.1694, 0.1745, 0.0735



0.3573, 0.1905, 0.0823

Inverse Universe

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



61.8820, 0.3224, 0.3051



74.5010, 0.3246, 0.3003



73.3266, 0.3151, 0.3666



14.5297, 0.3188, 0.3134



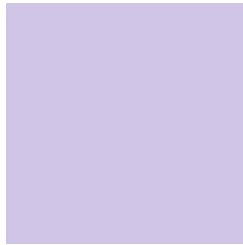
10.8642, 0.4263, 0.2122



0.8199, 0.4070, 0.2016

Previews

White Background



This preview shows how the Yxy color 59.0556, 0.2977, 0.2918 looks on a white background.

Color Contrast Check

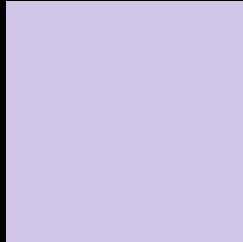
Large Text (above 18pt) WCAG AA × Fail

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 59.0556, 0.2977, 0.2918 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

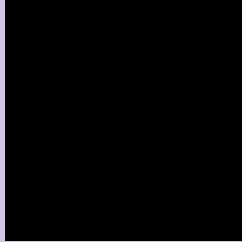
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.0556, 0.2977, 0.2918

Background



This preview shows how black text looks on a background with the Yxy color 59.0556, 0.2977, 0.2918.



This preview shows how white text looks on a background with the Yxy color 59.0556, 0.2977, 0.2918.

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

59.0556, 0.2977, 0.2918

Protanopia

59.0051, 0.2885, 0.2922

Deuteranopia

59.0556, 0.2977, 0.2918



Tritanopia

59.3367, 0.3066, 0.3117

Trichromacy



Original Color

59.0556, 0.2977, 0.2918

Protanomaly

59.0339, 0.2920, 0.2925

Deuteranomaly

59.0556, 0.2977, 0.2918

Tritanomaly

59.2796, 0.3039, 0.3049

Monochromacy



Original Color

59.0556, 0.2977, 0.2918

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

59.5565, 0.3072, 0.3151

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.0556, 0.2977, 0.2918 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(208, 197, 230)` looks like.

```
.text, #text, p{  
    color:rgb(208, 197, 230)  
}
```

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(208, 197, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 197, 230) }
```

Border

The CSS property to change the border of an element to Yxy 59.0556, 0.2977, 0.2918 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(208, 197, 230) }
```

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

```
.border{ border-color:rgb(208, 197, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 197, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 197, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 197, 230);  
box-shadow:4px 4px 4px 4px rgb(208, 197,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 59.0556, 0.2977, 0.2918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 197, 230) }
```

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

```
.background{ background-color: rgb(208,  
197, 230) }
```

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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