

Converting Colors

$Y_{xy}(59.6500, 0.2952, 0.2826)$

Have a look what the booklet for
Yxy(59.6500, 0.2952, 0.2826)
contains.

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Color

Yxy(59.6500, 0.2952, 0.2826)

Conversions

Conversions Part 1

Format	Color
Hex	D4C4EE
RGB	212, 196, 238
RGB Percent	83%, 77%, 93%
CMY	0.1689, 0.2313, 0.0667
CMYK	0.11, 0.18, 0.00, 0.07
HSL	263°, 55%, 85%
HSV	263°, 18%, 93%
XYZ	62.3096, 59.6500, 89.1162
YIQ	205.5720, -3.9460, 16.4540

Conversions

Conversions Part 2

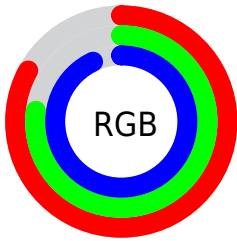
Format	Color
R _Y B	212, 196, 238
Decimal	13944046
CIE _{Lab}	81.65, 13.46, -18.72
CIE _{LCh}	82, 23.057, 305.708
Yxy	59.6500, 0.2952, 0.2826
Android (android.graphics.Color)	4292134126 (0xFFD4C4EE)
YUV	205.5720, 15.9870, 5.6374
Hunter-Lab	77.2334, 8.8499, -14.3487

Details

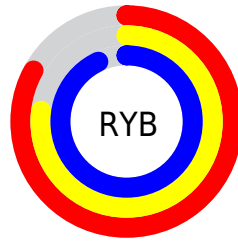
The Yxy color **59.6500, 0.2952, 0.2826** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **80.6784, 0.3281, 0.3745**, and the grayscale version is **61.3286, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7306, 0.3128, 0.3271**, and **29.8915, 0.2904, 0.2711** is the 20% darker color. If you saturate the color by 10%, you get **47.6561, 0.2831, 0.2532**, and if you desaturate by 10%, it is **73.5529, 0.3057, 0.3099**.

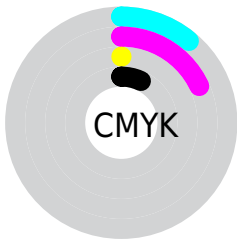
Distribution



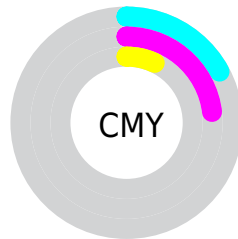
- Red (83%)
- Green (77%)
- Blue (93%)



- Red (83%)
- Yellow (77%)
- Blue (93%)



- Cyan (11%)
- Magenta (18%)
- Yellow (0%)
- Black (7%)



- Cyan (17%)
- Magenta (23%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.6500, 0.2952, 0.2826 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 59.6500, 0.2952, 0.2826 by changing the saturation by 10% instead.

■ 59.6500, 0.2952,
0.2826

■ 59.6500, 0.2952,
0.2826

■ 423.3065, 0.3038,
0.3042

■ 43.1366, 0.2931,
0.2777

■ 104.3218, 0.2983,
0.2901

■ 29.9923, 0.2905,
0.2716

■ 133.2489, 0.2994,
0.2930

■ 19.8327, 0.2871,
0.2638

■ 167.0828, 0.3004,
0.2955

■ 12.2735, 0.2825,
0.2538

■ 206.2078, 0.3013,
0.2977

■ 6.9302, 0.2760,
0.2401

■ 251.0082, 0.3020,
0.2996

■ 3.4185, 0.2661,
0.2205

■ 301.8686, 0.3027,

■ 1.3539, 0.2495,

0.3013

0.1904

359.1732, 0.3033,
0.3028

0.1824, 0.2182,
0.0793

0.0000, 0.0000,
0.0000

59.6500, 0.2952,
0.2826

59.6500, 0.2952,
0.2826

47.6561, 0.2831,
0.2532

73.5529, 0.3057,
0.3099

37.4784, 0.2696,
0.2222

89.4374, 0.3147,
0.3346

29.0271, 0.2547,
0.1906

98.9529, 0.3226,
0.3454

22.2020, 0.2390,
0.1600

■ 16.8917, 0.2231,
0.1319

■ 12.9706, 0.2077,
0.1081

■ 10.2916, 0.1939,
0.0902

■ 8.6595, 0.1821,
0.0786

■ 8.3574, 0.1796,
0.0763

Harmonies

Analogous

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



59.6500, 0.2711, 0.2806



59.6500, 0.2952, 0.2826



59.6500, 0.3251, 0.2956

Triad

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



59.6500, 0.2952, 0.2826



59.6500, 0.3701, 0.3642



59.6500, 0.2735, 0.3405

Complementary

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



59.6500, 0.2952, 0.2826



80.6784, 0.3281, 0.3745

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.



59.6500, 0.2986, 0.3663



59.6500, 0.2952, 0.2826



59.6500, 0.3546, 0.3793

Square

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



59.6500, 0.2952, 0.2826



59.6500, 0.3695, 0.3412



59.6500, 0.3282, 0.3807



59.6500, 0.2591, 0.3124

Rectangle

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



59.6500, 0.2952, 0.2826



59.6500, 0.3444, 0.3089



59.6500, 0.3282, 0.3807



59.6500, 0.2809, 0.3498

Sweetspot

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



59.6525, 0.2952, 0.2826



90.6624, 0.3082, 0.3166



70.4788, 0.2853, 0.3118



19.1348, 0.3075, 0.3148



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.



59.6525, 0.2952, 0.2826



64.6933, 0.2912, 0.2727



62.8881, 0.3105, 0.2847



15.5207, 0.3039, 0.3050



4.7310, 0.1812, 0.0772



0.4488, 0.1958, 0.0852

Inverse Universe

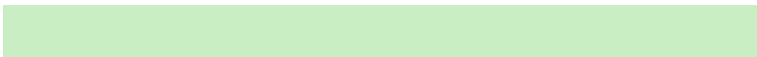
The Inverse Universe completely reimagines the original color for something new.



62.9475, 0.3265, 0.3014



69.2243, 0.3297, 0.2957



77.6388, 0.3142, 0.3764



15.9239, 0.3196, 0.3144



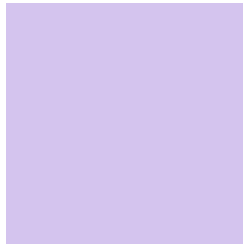
11.3560, 0.4454, 0.2227



0.9640, 0.4246, 0.2113

Previews

White Background



This preview shows how the Yxy color 59.6500, 0.2952, 0.2826 looks on a white background.

Color Contrast Check

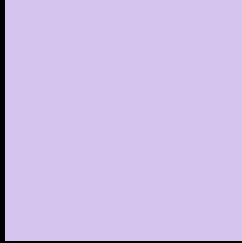
Large Text (above 18pt) WCAG AA × Fail

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 59.6500, 0.2952, 0.2826 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

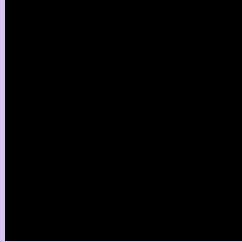
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.6500, 0.2952, 0.2826

Background



This preview shows how black text looks on a background with the Yxy color 59.6500, 0.2952, 0.2826.



This preview shows how white text looks on a background with the Yxy color 59.6500, 0.2952, 0.2826.

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

59.6500, 0.2952, 0.2826

Protanopia

59.7263, 0.2814, 0.2836

Deuteranopia

59.6830, 0.2909, 0.2843



Tritanopia

59.6763, 0.3074, 0.3106

Trichromacy



Original Color

59.6500, 0.2952, 0.2826

Protanomaly

59.5556, 0.2861, 0.2829

Deuteranomaly

59.5154, 0.2923, 0.2833

Tritanomaly

59.7840, 0.3026, 0.3007

Monochromacy



Original Color

59.6500, 0.2952, 0.2826

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

60.7129, 0.3060, 0.3107

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.6500, 0.2952, 0.2826 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(212, 196, 238)` looks like.

```
.text, #text, p{  
    color:rgb(212, 196, 238)  
}
```

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(212, 196, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 196, 238) }
```

Border

The CSS property to change the border of an element to Yxy 59.6500, 0.2952, 0.2826 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(212, 196, 238) }
```

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

```
.border{ border-color:rgb(212, 196, 238) }
```

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

Here you see how a box with a 4 pixel rgb(212, 196, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 196, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 196, 238);  
box-shadow:4px 4px 4px 4px rgb(212, 196,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 59.6500, 0.2952, 0.2826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 196, 238) }
```

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

```
.background{ background-color: rgb(212,  
196, 238) }
```

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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