

Converting Colors

Yxy(59.8680, 0.3010, 0.2925)

Have a look what the booklet for
Yxy(59.8680, 0.3010, 0.2925)
contains.

Yxy(59.6427, 0.3007, 0.2921)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(59.6427, 0.3007, 0.2921)

Conversions

Conversions Part 1

Format	Color
Hex	D4C5E6
RGB	212, 197, 230
RGB Percent	83%, 77%, 90%
CMY	0.1687, 0.2274, 0.0980
CMYK	0.08, 0.14, 0.00, 0.10
HSL	267°, 40%, 84%
HSV	267°, 14%, 90%
XYZ	61.3987, 59.6427, 83.1445
YIQ	205.2470, -1.6530, 13.4430

Conversions

Conversions Part 2

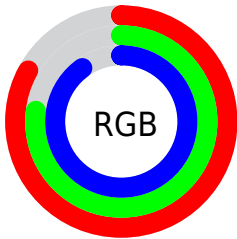
Format	Color
R _Y B	212, 197, 230
Decimal	13944294
CIE Lab	81.64, 11.35, -14.45
CIE LCh	82, 18.376, 308.136
Yxy	59.6427, 0.3007, 0.2921
Android (android.graphics.Color)	4292134374 (0xFFD4C5E6)
YUV	205.2470, 12.2032, 5.9224
Hunter-Lab	77.2287, 6.7617, -9.7716

Details

The Yxy color **59.6427, 0.3007, 0.2921** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **75.0812, 0.3235, 0.3657**, and the grayscale version is **61.1382, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3636, 0.3128, 0.3281**, and **29.8690, 0.2976, 0.2834** is the 20% darker color. If you saturate the color by 10%, you get **48.1895, 0.2907, 0.2638**, and if you desaturate by 10%, it is **72.8397, 0.3094, 0.3183**.

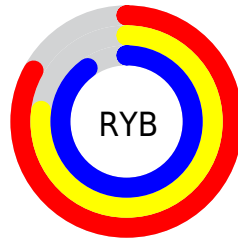
Distribution



Red (83%)

Green (77%)

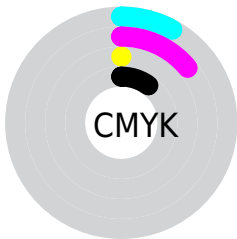
Blue (90%)



Red (83%)

Yellow (77%)

Blue (90%)

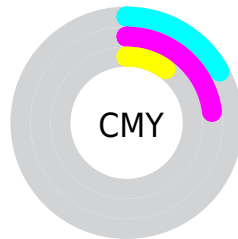


Cyan (8%)

Magenta (14%)

Yellow (0%)

Black (10%)



Cyan (17%)

Magenta (23%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.6427, 0.3007, 0.2921 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 59.6427, 0.3007, 0.2921 by changing the saturation by 10% instead.

■ 59.6427, 0.3007,
0.2921

■ 59.6427, 0.3007,
0.2921

423.2795, 0.3066,
0.3094

■ 43.1307, 0.2993,
0.2881

104.3112, 0.3028,
0.2981

■ 29.9877, 0.2975,
0.2832

133.2365, 0.3036,
0.3005

■ 19.8292, 0.2951,
0.2769

167.0683, 0.3043,
0.3025

■ 12.2710, 0.2919,
0.2686

206.1911, 0.3049,
0.3042

■ 6.9285, 0.2873,
0.2572

250.9892, 0.3054,
0.3057

■ 3.4174, 0.2802,
0.2407

301.8470, 0.3058,

■ 1.3533, 0.2680,

0.3071

0.2146

359.1490, 0.3062,
0.3083

■ 0.1820, 0.2417,
0.0977

■ 0.0000, 0.0000,
0.0000

■ 59.6427, 0.3007,
0.2921

■ 59.6427, 0.3007,
0.2921

■ 48.1895, 0.2907,
0.2638

■ 72.8397, 0.3094,
0.3183

■ 38.3974, 0.2792,
0.2340

■ 87.8437, 0.3167,
0.3422

■ 30.1879, 0.2665,
0.2035

■ 97.4961, 0.3239,
0.3535

■ 23.4732, 0.2527,
0.1735

■ 98.4937, 0.3274,
0.3532

■ 18.1566, 0.2384,
0.1456

■ 14.1294, 0.2242,
0.1213

■ 11.2662, 0.2106,
0.1021

■ 9.4146, 0.1985,
0.0888

■ 8.6818, 0.1923,
0.0833

Harmonies

Analogous

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



59.6427, 0.2807, 0.2899



59.6427, 0.3007, 0.2921



59.6427, 0.3247, 0.3032

Triad

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



59.6427, 0.3007, 0.2921



59.6427, 0.3578, 0.3587



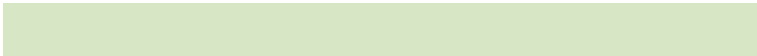
59.6427, 0.2801, 0.3364

Complementary

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



59.6427, 0.3007, 0.2921



75.0812, 0.3235, 0.3657

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.



59.6427, 0.2997, 0.3570



59.6427, 0.3007, 0.2921



59.6427, 0.3448, 0.3696

Square

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



59.6427, 0.3007, 0.2921



59.6427, 0.3584, 0.3407



59.6427, 0.3234, 0.3694



59.6427, 0.2691, 0.3145

Rectangle

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



59.6427, 0.3007, 0.2921



59.6427, 0.3397, 0.3144



59.6427, 0.3234, 0.3694



59.6427, 0.2858, 0.3438

Sweetspot

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



59.6452, 0.3007, 0.2921



92.6228, 0.3096, 0.3191



66.2666, 0.2904, 0.3121



19.5370, 0.3090, 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.



59.6452, 0.3007, 0.2921



71.1760, 0.2981, 0.2845



62.2025, 0.3131, 0.2935



14.2060, 0.3051, 0.3052



4.9853, 0.1939, 0.0842



0.4230, 0.2102, 0.0932

Inverse Universe

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



61.6682, 0.3255, 0.3094



74.1889, 0.3283, 0.3054



72.7254, 0.3121, 0.3670



14.4990, 0.3207, 0.3162



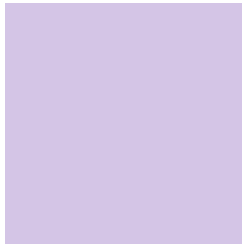
10.3960, 0.4760, 0.2396



0.7869, 0.4471, 0.2237

Previews

White Background



This preview shows how the Yxy color 59.6427, 0.3007, 0.2921 looks on a white background.

Color Contrast Check

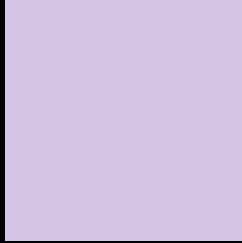
Large Text (above 18pt) WCAG AA × Fail

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 59.6427, 0.3007, 0.2921 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

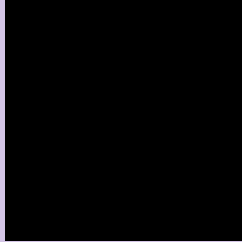
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.6427, 0.3007, 0.2921

Background



This preview shows how black text looks on a background with the Yxy color 59.6427, 0.3007, 0.2921.



This preview shows how white text looks on a background with the Yxy color 59.6427, 0.3007, 0.2921.

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

59.6427, 0.3007, 0.2921

Protanopia

59.6622, 0.2886, 0.2924

Deuteranopia

59.8030, 0.2992, 0.2931



Tritanopia

59.9165, 0.3097, 0.3118

Trichromacy



Original Color

59.6427, 0.3007, 0.2921

Protanomaly

59.8313, 0.2928, 0.2927

Deuteranomaly

59.9502, 0.3000, 0.2932

Tritanomaly

59.8630, 0.3069, 0.3052

Monochromacy



Original Color

59.6427, 0.3007, 0.2921

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.5060, 0.3088, 0.3152

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.6427, 0.3007, 0.2921 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, 197, 230)` looks like.

```
.text, #text, p{  
    color:rgb(212, 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(212, 197, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 197, 230) }
```

Border

The CSS property to change the border of an element to Yxy 59.6427, 0.3007, 0.2921 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, 197, 230) }
```

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

```
.border{ border-color:rgb(212, 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(212, 197, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 197, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 197, 230);  
box-shadow:4px 4px 4px 4px rgb(212, 197,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 59.6427, 0.3007, 0.2921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 197, 230) }
```

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

```
.background{ background-color: rgb(212,  
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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