

Converting Colors

$Yxy(58.9328, 0.3014, 0.2984)$

Have a look what the booklet for
Yxy(58.9328, 0.3014, 0.2984)
contains.

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Color

Yxy(59.1799, 0.3019, 0.2994)

Conversions

Conversions Part 1

Format	Color
Hex	D0C6E0
RGB	208, 198, 224
RGB Percent	82%, 78%, 88%
CMY	0.1841, 0.2236, 0.1215
CMYK	0.07, 0.12, 0.00, 0.12
HSL	263°, 30%, 83%
HSV	263°, 12%, 88%
XYZ	59.6741, 59.1799, 78.8077
YIQ	203.9540, -2.3860, 10.2060

Conversions

Conversions Part 2

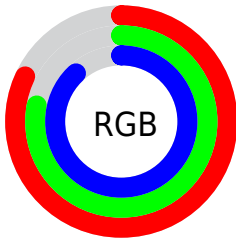
Format	Color
R _Y B	208, 198, 224
Decimal	13682400
CIE Lab	81.39, 8.35, -11.66
CIE LCh	81, 14.340, 305.631
Yxy	59.1799, 0.3019, 0.2994
Android (android.graphics.Color)	4291872480 (0xFFD0C6E0)
YUV	203.9540, 9.8827, 3.5483
Hunter-Lab	76.9285, 3.8391, -6.8884

Details

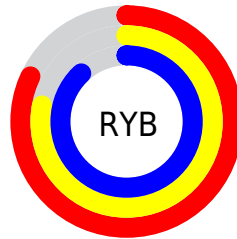
The Yxy color $59.1799, 0.3019, 0.2994$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $71.6828, 0.3227, 0.3582$, and the grayscale version is $60.2966, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $29.6811, 0.2992, 0.2916$ is the 20% darker color. If you saturate the color by 10%, you get $47.7828, 0.2910, 0.2714$, and if you desaturate by 10%, it is $72.2689, 0.3113, 0.3251$.

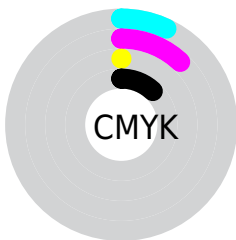
Distribution



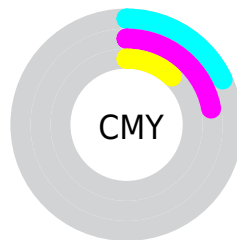
- Red (82%)
- Green (78%)
- Blue (88%)



- Red (82%)
- Yellow (78%)
- Blue (88%)



- Cyan (7%)
- Magenta (12%)
- Yellow (0%)
- Black (12%)



- Cyan (18%)
- Magenta (22%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.1799, 0.3019, 0.2994 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 59.1799, 0.3019, 0.2994 by changing the saturation by 10% instead.

■ 59.1799, 0.3019,
0.2994

■ 59.1799, 0.3019,
0.2994

421.5683, 0.3072,
0.3134

■ 42.7580, 0.3006,
0.2961

103.6391, 0.3038,
0.3043

■ 29.6953, 0.2990,
0.2921

132.4451, 0.3045,
0.3062

■ 19.6074, 0.2969,
0.2869

166.1480, 0.3051,
0.3078

■ 12.1100, 0.2941,
0.2801

205.1320, 0.3056,
0.3092

■ 6.8186, 0.2900,
0.2705

249.7817, 0.3061,
0.3104

■ 3.3489, 0.2837,
0.2565

300.4814, 0.3065,

■ 1.3165, 0.2728,

0.3115

0.2338

357.6154, 0.3069,
0.3125

0.1539, 0.2356,
0.1035

0.0000, 0.0000,
0.0000

59.1799, 0.3019,
0.2994

59.1799, 0.3019,
0.2994

47.7828, 0.2910,
0.2714

72.2689, 0.3113,
0.3251

37.9994, 0.2785,
0.2414

87.1086, 0.3194,
0.3483

29.7566, 0.2646,
0.2103

97.0895, 0.3272,
0.3595

22.9725, 0.2496,
0.1791

98.1626, 0.3309,
0.3591

■ 17.5575, 0.2340,
0.1494

■ 13.4116, 0.2183,
0.1229

■ 10.4205, 0.2036,
0.1014

■ 8.4481, 0.1905,
0.0859

■ 7.3936, 0.1812,
0.0772

Harmonies

Analogous

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



59.1799, 0.2865, 0.2984



59.1799, 0.3019, 0.2994



59.1799, 0.3206, 0.3077

Triad

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



59.1799, 0.3019, 0.2994



59.1799, 0.3484, 0.3515



59.1799, 0.2882, 0.3363

Complementary

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



59.1799, 0.3019, 0.2994



71.6828, 0.3227, 0.3582

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.



59.1799, 0.3042, 0.3518



59.1799, 0.3019, 0.2994



59.1799, 0.3391, 0.3603

Square

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



59.1799, 0.3019, 0.2994



59.1799, 0.3479, 0.3371



59.1799, 0.3228, 0.3607



59.1799, 0.2788, 0.3192

Rectangle

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



59.1799, 0.3019, 0.2994



59.1799, 0.3325, 0.3163



59.1799, 0.3228, 0.3607



59.1799, 0.2929, 0.3420

Sweetspot

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



59.1824, 0.3019, 0.2994



94.3372, 0.3101, 0.3216



65.4980, 0.2948, 0.3175



19.8758, 0.3094, 0.3196



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.



59.1824, 0.3019, 0.2994



75.3826, 0.2993, 0.2927



61.1328, 0.3117, 0.3003



13.5006, 0.3041, 0.3052



4.3646, 0.1827, 0.0780



0.3531, 0.2001, 0.0876

Inverse Universe

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



61.0832, 0.3214, 0.3113



78.4417, 0.3236, 0.3074



69.8159, 0.3134, 0.3591



13.8411, 0.3197, 0.3147



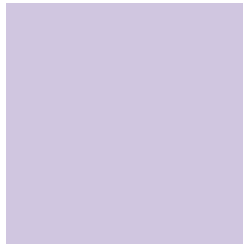
10.3041, 0.4482, 0.2242



0.7316, 0.4233, 0.2106

Previews

White Background



This preview shows how the Yxy color 59.1799, 0.3019, 0.2994 looks on a white background.

Color Contrast Check

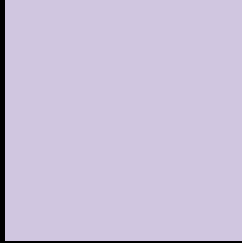
Large Text (above 18pt) WCAG AA × Fail

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 59.1799, 0.3019, 0.2994 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

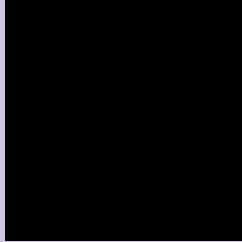
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

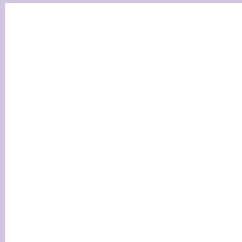
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.1799, 0.3019, 0.2994

Background



This preview shows how black text looks on a background with the Yxy color 59.1799, 0.3019, 0.2994.



This preview shows how white text looks on a background with the Yxy color 59.1799, 0.3019, 0.2994.

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

59.1799, 0.3019, 0.2994

Protanopia

59.4064, 0.2939, 0.3001

Deuteranopia

59.3114, 0.3049, 0.2986



Tritanopia

59.0185, 0.3074, 0.3106

Trichromacy



Original Color

59.1799, 0.3019, 0.2994

Protanomaly

59.3014, 0.2967, 0.3003

Deuteranomaly

59.1632, 0.3041, 0.2985

Tritanomaly

59.1742, 0.3053, 0.3072

Monochromacy



Original Color

59.1799, 0.3019, 0.2994

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

59.9233, 0.3086, 0.3185

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.1799, 0.3019, 0.2994 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, 198, 224)` looks like.

```
.text, #text, p{  
    color:rgb(208, 198, 224)  
}
```

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, 198, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 198, 224) }
```

Border

The CSS property to change the border of an element to Yxy 59.1799, 0.3019, 0.2994 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, 198, 224) }
```

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

```
.border{ border-color:rgb(208, 198, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 198, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 198, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 198, 224);  
box-shadow:4px 4px 4px 4px rgb(208, 198,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 59.1799, 0.3019, 0.2994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 198, 224) }
```

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

```
.background{ background-color: rgb(208,  
198, 224) }
```

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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