

Converting Colors

Yxy(59.9867, 0.3001, 0.3086)

Have a look what the booklet for
Yxy(59.9867, 0.3001, 0.3086)
contains.

Yxy(59.9649, 0.3001, 0.3082)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(59.9649, 0.3001, 0.3082)

Conversions

Conversions Part 1

Format	Color
Hex	CACADC
RGB	202, 202, 220
RGB Percent	79%, 79%, 86%
CMY	0.2080, 0.2078, 0.1372
CMYK	0.08, 0.08, 0.00, 0.14
HSL	240°, 20%, 83%
HSV	240°, 8%, 86%
XYZ	58.3889, 59.9649, 76.2111
YIQ	204.0520, -5.7780, 5.5980

Conversions

Conversions Part 2

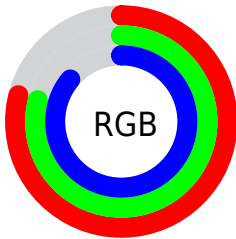
Format	Color
R _Y B	202, 202, 220
Decimal	13290204
CIE Lab	81.82, 3.41, -8.92
CIE LCh	82, 9.551, 290.918
Yxy	59.9649, 0.3001, 0.3082
Android (android.graphics.Color)	4291480284 (0xFFCACADC)
YUV	204.0520, 7.8624, -1.7996
Hunter-Lab	77.4370, -0.9225, -4.1455

Details

The Yxy color **59.9649, 0.3001, 0.3082** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.6425, 0.3248, 0.3490**, and the grayscale version is **60.3688, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **30.1923, 0.2970, 0.3030** is the 20% darker color. If you saturate the color by 10%, you get **47.5402, 0.2828, 0.2797**, and if you desaturate by 10%, it is **74.2956, 0.3153, 0.3333**.

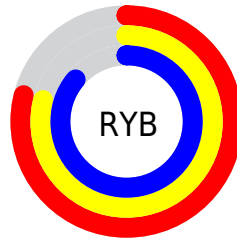
Distribution



Red (79%)

Green (79%)

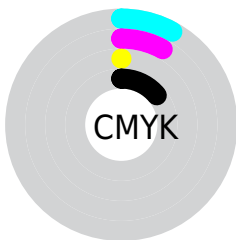
Blue (86%)



Red (79%)

Yellow (79%)

Blue (86%)

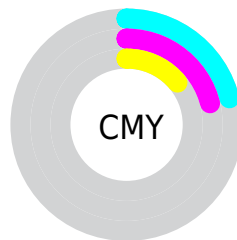


Cyan (8%)

Magenta (8%)

Yellow (0%)

Black (14%)



Cyan (21%)

Magenta (21%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.9649, 0.3001, 0.3082 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 59.9649, 0.3001, 0.3082 by changing the saturation by 10% instead.

■ 59.9649, 0.3001,
0.3082

■ 59.9649, 0.3001,
0.3082

424.4684, 0.3062,
0.3181

■ 43.3903, 0.2987,
0.3059

104.7787, 0.3022,
0.3117

■ 30.1915, 0.2968,
0.3030

133.7868, 0.3031,
0.3130

■ 19.9840, 0.2945,
0.2993

167.7082, 0.3038,
0.3142

■ 12.3834, 0.2913,
0.2943

206.9273, 0.3044,
0.3152

■ 7.0054, 0.2869,
0.2873

251.8284, 0.3049,
0.3160

■ 3.4655, 0.2801,
0.2769

302.7961, 0.3054,

■ 1.3793, 0.2685,

0.3168

0.2597

360.2146, 0.3058,
0.3175

0.2014, 0.2082,
0.1527

0.0000, 0.0000,
0.0000

59.9649, 0.3001,
0.3082

59.9649, 0.3001,
0.3082

47.5402, 0.2828,
0.2797

74.2956, 0.3153,
0.3333

36.9341, 0.2636,
0.2479

90.5999, 0.3285,
0.3550

28.0636, 0.2427,
0.2136

97.9477, 0.3333,
0.3631

20.8364, 0.2212,
0.1779

■ 15.1515, 0.2001,
0.1431

■ 10.8970, 0.1812,
0.1118

■ 7.9458, 0.1661,
0.0867

■ 6.1483, 0.1559,
0.0698

■ 5.2925, 0.1507,
0.0613

Harmonies

Analogous

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



59.9649, 0.2918, 0.3103



59.9649, 0.3001, 0.3082



59.9649, 0.3119, 0.3114

Triad

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



59.9649, 0.3001, 0.3082



59.9649, 0.3370, 0.3398



59.9649, 0.3013, 0.3392

Complementary

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



59.9649, 0.3001, 0.3082



70.6425, 0.3248, 0.3490

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.



59.9649, 0.3132, 0.3475



59.9649, 0.3001, 0.3082



59.9649, 0.3339, 0.3476

Square

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



59.9649, 0.3001, 0.3082



59.9649, 0.3333, 0.3294



59.9649, 0.3252, 0.3506



59.9649, 0.2925, 0.3281

Rectangle

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



59.9649, 0.3001, 0.3082



59.9649, 0.3202, 0.3161



59.9649, 0.3252, 0.3506



59.9649, 0.3050, 0.3424

Sweetspot

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



59.9674, 0.3001, 0.3082



95.8436, 0.3097, 0.3241



68.8934, 0.3003, 0.3293



20.5580, 0.3099, 0.3243



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.



59.9674, 0.3001, 0.3082



80.3163, 0.2970, 0.3031



61.1942, 0.3066, 0.3086



12.6231, 0.2981, 0.3049



3.0433, 0.1501, 0.0602



0.1993, 0.1502, 0.0608

Inverse Universe

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



61.7059, 0.3268, 0.3290



83.2649, 0.3304, 0.3290



69.3439, 0.3185, 0.3494



13.0521, 0.3291, 0.3290



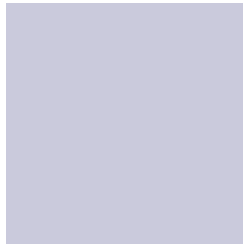
8.9310, 0.6397, 0.3298



0.5788, 0.6387, 0.3292

Previews

White Background



This preview shows how the Yxy color 59.9649, 0.3001, 0.3082 looks on a white background.

Color Contrast Check

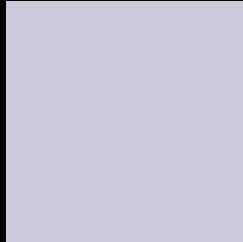
Large Text (above 18pt) WCAG AA × Fail

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 59.9649, 0.3001, 0.3082 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

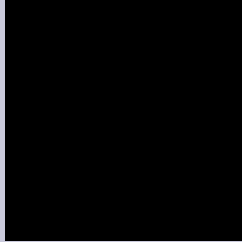
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

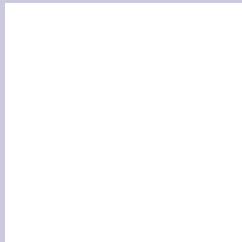
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.9649, 0.3001, 0.3082

Background



This preview shows how black text looks on a background with the Yxy color 59.9649, 0.3001, 0.3082.

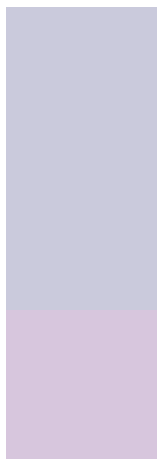


This preview shows how white text looks on a background with the Yxy color 59.9649, 0.3001, 0.3082.

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

59.9649, 0.3001, 0.3082

Protanopia

59.9649, 0.3001, 0.3082

Deuteranopia

60.0557, 0.3093, 0.3032



Tritanopia

59.8596, 0.3015, 0.3105

Trichromacy



Original Color

59.9649, 0.3001, 0.3082

Protanomaly

59.9649, 0.3001, 0.3082

Deuteranomaly

59.7689, 0.3055, 0.3040

Tritanomaly

59.9121, 0.3008, 0.3093

Monochromacy



Original Color

59.9649, 0.3001, 0.3082

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.0615, 0.3078, 0.3208

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.9649, 0.3001, 0.3082 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(202, 202, 220)` looks like.

```
.text, #text, p{  
    color:rgb(202, 202, 220)  
}
```

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(202, 202, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 202, 220) }
```

Border

The CSS property to change the border of an element to Yxy 59.9649, 0.3001, 0.3082 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(202, 202, 220) }
```

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

```
.border{ border-color:rgb(202, 202, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 202, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 202, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 202, 220);  
box-shadow:4px 4px 4px 4px rgb(202, 202,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 59.9649, 0.3001, 0.3082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 202, 220) }
```

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

```
.background{ background-color: rgb(202,  
202, 220) }
```

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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