

Converting Colors

$Yxy(61.1345, 0.3081, 0.3167)$

Have a look what the booklet for
Yxy(61.1345, 0.3081, 0.3167)
contains.

Yxy(61.3062, 0.3080, 0.3175)	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(61.3062, 0.3080, 0.3175)

Conversions

Conversions Part 1

Format	Color
Hex	CFCCD6
RGB	207, 204, 214
RGB Percent	81%, 80%, 84%
CMY	0.1880, 0.2000, 0.1608
CMYK	0.03, 0.05, 0.00, 0.16
HSL	258°, 11%, 82%
HSV	258°, 5%, 84%
XYZ	59.4718, 61.3062, 72.3124
YIQ	206.0370, -1.4220, 3.7460

Conversions

Conversions Part 2

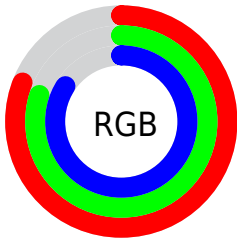
Format	Color
R _Y B	207, 204, 214
Decimal	13618390
CIE Lab	82.54, 2.90, -4.59
CIE LCh	83, 5.432, 302.282
Yxy	61.3062, 0.3080, 0.3175
Android (android.graphics.Color)	4291808470 (0xFFCFCCD6)
YUV	206.0370, 3.9258, 0.8446
Hunter-Lab	78.2983, -1.4414, 0.0515

Details

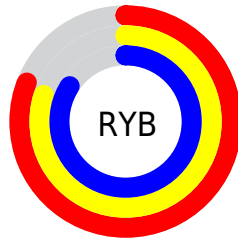
The Yxy color **61.3062, 0.3080, 0.3175** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.2889, 0.3173, 0.3404**, and the grayscale version is **61.7267, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.0882, 0.3073, 0.3153** is the 20% darker color. If you saturate the color by 10%, you get **49.7852, 0.2967, 0.2910**, and if you desaturate by 10%, it is **74.4314, 0.3177, 0.3414**.

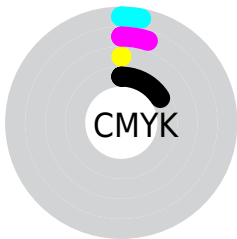
Distribution



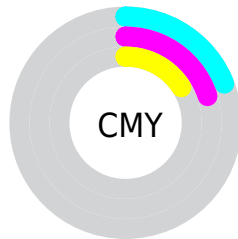
- Red (81%)
- Green (80%)
- Blue (84%)



- Red (81%)
- Yellow (80%)
- Blue (84%)



- Cyan (3%)
- Magenta (5%)
- Yellow (0%)
- Black (16%)



- Cyan (19%)
- Magenta (20%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.3062, 0.3080, 0.3175 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 61.3062, 0.3080, 0.3175 by changing the saturation by 10% instead.

■ 61.3062, 0.3080,
0.3175

■ 61.3062, 0.3080,
0.3175

429.3958, 0.3103,
0.3230

■ 44.4723, 0.3075,
0.3162

106.7222, 0.3088,
0.3194

■ 31.0420, 0.3068,
0.3146

136.0730, 0.3091,
0.3202

■ 20.6308, 0.3059,
0.3125

170.3651, 0.3094,
0.3208

■ 12.8544, 0.3047,
0.3098

209.9826, 0.3096,
0.3213

■ 7.3284, 0.3030,
0.3059

255.3100, 0.3098,
0.3218

■ 3.6683, 0.3005,
0.3002

306.7318, 0.3100,

■ 1.4898, 0.2961,

0.3223

0.2905

364.6323, 0.3101,
0.3226

■ 0.2815, 0.2713,
0.2257

■ 0.0000, 0.0000,
0.0000

■ 61.3062, 0.3080,
0.3175

■ 61.3062, 0.3080,
0.3175

■ 49.7852, 0.2967,
0.2910

■ 74.4314, 0.3177,
0.3414

■ 39.7984, 0.2838,
0.2619

■ 89.2117, 0.3259,
0.3627

■ 31.2821, 0.2693,
0.2309

■ 96.9993, 0.3347,
0.3694

■ 24.1653, 0.2533,
0.1987

■ 97.6347, 0.3370,
0.3691

■ 18.3706, 0.2364,
0.1667

■ 13.8132, 0.2192,
0.1367

■ 10.3980, 0.2026,
0.1105

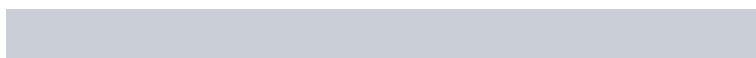
■ 8.0154, 0.1878,
0.0900

■ 6.5330, 0.1755,
0.0763

Harmonies

Analogous

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



61.3062, 0.3023, 0.3176



61.3062, 0.3080, 0.3175



61.3062, 0.3150, 0.3204

Triad

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



61.3062, 0.3080, 0.3175



61.3062, 0.3262, 0.3371



61.3062, 0.3041, 0.3325

Complementary

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



61.3062, 0.3080, 0.3175



66.2889, 0.3173, 0.3404

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.



61.3062, 0.3104, 0.3379



61.3062, 0.3080, 0.3175



61.3062, 0.3231, 0.3405

Square

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



61.3062, 0.3080, 0.3175



61.3062, 0.3255, 0.3316



61.3062, 0.3174, 0.3408



61.3062, 0.3001, 0.3262

Rectangle

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



61.3062, 0.3080, 0.3175



61.3062, 0.3194, 0.3236



61.3062, 0.3174, 0.3408



61.3062, 0.3060, 0.3345

Sweetspot

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



61.3088, 0.3080, 0.3175



98.0496, 0.3117, 0.3266



64.2761, 0.3055, 0.3255



21.0072, 0.3118, 0.3267



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.



61.3088, 0.3080, 0.3175



88.6644, 0.3065, 0.3140



62.0324, 0.3117, 0.3176



12.9207, 0.3060, 0.3126



3.6709, 0.1714, 0.0718



0.2645, 0.1904, 0.0823

Inverse Universe

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



62.1768, 0.3154, 0.3211



90.3260, 0.3163, 0.3188



65.5701, 0.3136, 0.3405



13.1863, 0.3166, 0.3178



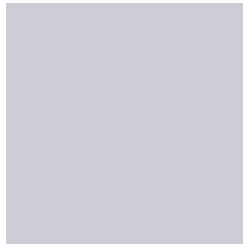
9.9637, 0.4161, 0.2066



0.6154, 0.3958, 0.1954

Previews

White Background



This preview shows how the Yxy color 61.3062, 0.3080, 0.3175 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 61.3062, 0.3080, 0.3175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

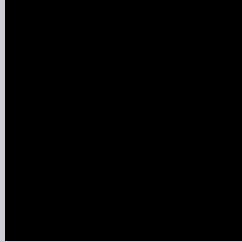
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

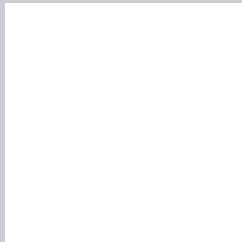
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.3062, 0.3080, 0.3175

Background



This preview shows how black text looks on a background with the Yxy color 61.3062, 0.3080, 0.3175.

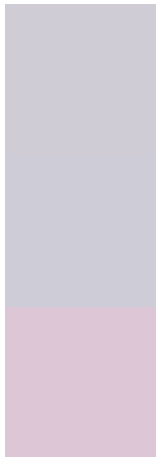


This preview shows how white text looks on a background with the Yxy color 61.3062, 0.3080, 0.3175.

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

61.3062, 0.3080, 0.3175

Protanopia

61.1626, 0.3072, 0.3175

Deuteranopia

61.1253, 0.3182, 0.3112



Tritanopia

61.2362, 0.3053, 0.3108

Trichromacy



Original Color

61.3062, 0.3080, 0.3175

Protanomaly

61.1626, 0.3072, 0.3175

Deuteranomaly

61.2785, 0.3142, 0.3132

Tritanomaly

61.1315, 0.3067, 0.3130

Monochromacy



Original Color

61.3062, 0.3080, 0.3175

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.3879, 0.3107, 0.3244

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.3062, 0.3080, 0.3175 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(207, 204, 214)` looks like.

```
.text, #text, p{  
    color:rgb(207, 204, 214)  
}
```

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(207, 204, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 204, 214) }
```

Border

The CSS property to change the border of an element to Yxy 61.3062, 0.3080, 0.3175 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(207, 204, 214) }
```

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

```
.border{ border-color:rgb(207, 204, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 204, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 204, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 204, 214);  
box-shadow:4px 4px 4px 4px rgb(207, 204,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 61.3062, 0.3080, 0.3175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 204, 214) }
```

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

```
.background{ background-color: rgb(207,  
204, 214) }
```

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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