

Converting Colors

Yxy(61.3781, 0.3112, 0.3185)

Have a look what the booklet for
Yxy(61.3781, 0.3112, 0.3185)
contains.

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Color

Yxy(61.2176, 0.3110, 0.3176)

Conversions

Conversions Part 1

Format	Color
Hex	D2CBD5
RGB	210, 203, 213
RGB Percent	82%, 80%, 84%
CMY	0.1764, 0.2039, 0.1648
CMYK	0.01, 0.05, 0.00, 0.16
HSL	282°, 11%, 82%
HSV	282°, 5%, 84%
XYZ	59.9454, 61.2176, 71.5876
YIQ	206.2330, 0.9620, 4.5940

Conversions

Conversions Part 2

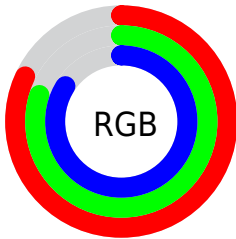
Format	Color
R_{YB}	210, 203, 213
Decimal	13814741
CIE _{Lab}	82.50, 4.24, -4.09
CIE _{LCh}	82, 5.889, 316.024
Yxy	61.2176, 0.3110, 0.3176
Android (android.graphics.Color)	4292004821 (0xFFD2CBD5)
YUV	206.2330, 3.3361, 3.3037
Hunter-Lab	78.2417, -0.1638, 0.5215

Details

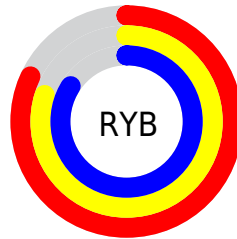
The Yxy color **61.2176, 0.3110, 0.3176** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.0012, 0.3144, 0.3405**, and the grayscale version is **61.8583, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.0314, 0.3113, 0.3154** is the 20% darker color. If you saturate the color by 10%, you get **50.9351, 0.3068, 0.2921**, and if you desaturate by 10%, it is **72.9235, 0.3145, 0.3415**.

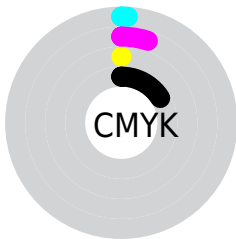
Distribution



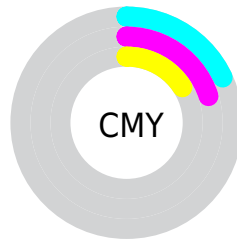
- Red (82%)
- Green (80%)
- Blue (84%)



- Red (82%)
- Yellow (80%)
- Blue (84%)



- Cyan (1%)
- Magenta (5%)
- Yellow (0%)
- Black (16%)



- Cyan (18%)
- Magenta (20%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.2176, 0.3110, 0.3176 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 61.2176, 0.3110, 0.3176 by changing the saturation by 10% instead.

■ 61.2176, 0.3110,
0.3176

■ 61.2176, 0.3110,
0.3176

429.0714, 0.3118,
0.3230

■ 44.4008, 0.3108,
0.3163

106.5939, 0.3113,
0.3195

■ 30.9857, 0.3105,
0.3147

135.9223, 0.3114,
0.3202

■ 20.5880, 0.3102,
0.3127

170.1899, 0.3115,
0.3209

■ 12.8232, 0.3097,
0.3100

209.7812, 0.3116,
0.3214

■ 7.3069, 0.3091,
0.3062

255.0807, 0.3117,
0.3219

■ 3.6548, 0.3081,
0.3005

306.4726, 0.3117,

■ 1.4824, 0.3062,

0.3223

0.2910

364.3413, 0.3118,
0.3227

0.2763, 0.2978,
0.2248

0.0000, 0.0000,
0.0000

61.2176, 0.3110,
0.3176

61.2176, 0.3110,
0.3176

50.9351, 0.3068,
0.2921

72.9235, 0.3145,
0.3415

42.0118, 0.3018,
0.2654

86.0983, 0.3173,
0.3635

34.3902, 0.2960,
0.2380

92.9699, 0.3206,
0.3723

28.0053, 0.2895,
0.2110

94.0255, 0.3247,
0.3718

■ 22.7868, 0.2822,
0.1853

■ 95.1192, 0.3288,
0.3713

■ 18.6570, 0.2744,
0.1621

■ 96.2514, 0.3329,
0.3707

■ 15.5286, 0.2664,
0.1425

■ 97.4224, 0.3370,
0.3702

■ 13.3003, 0.2583,
0.1275

■ 97.5826, 0.3376,
0.3701

■ 11.8490, 0.2506,
0.1173

Harmonies

Analogous

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



61.2176, 0.3040, 0.3162



61.2176, 0.3110, 0.3176



61.2176, 0.3186, 0.3220

Triad

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



61.2176, 0.3110, 0.3176



61.2176, 0.3263, 0.3398



61.2176, 0.3010, 0.3297

Complementary

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



61.2176, 0.3110, 0.3176



65.0012, 0.3144, 0.3405

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.



61.2176, 0.3068, 0.3362



61.2176, 0.3110, 0.3176



61.2176, 0.3214, 0.3421

Square

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



61.2176, 0.3110, 0.3176



61.2176, 0.3274, 0.3347



61.2176, 0.3143, 0.3408



61.2176, 0.2982, 0.3230

Rectangle

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



61.2176, 0.3110, 0.3176



61.2176, 0.3229, 0.3260



61.2176, 0.3143, 0.3408



61.2176, 0.3026, 0.3320

Sweetspot

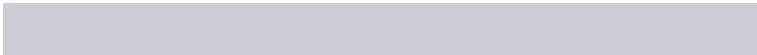
The Sweet Spot groups the original color and five complimentary colors.



61.2202, 0.3110, 0.3176



98.2409, 0.3124, 0.3266



61.6388, 0.3056, 0.3209



21.0461, 0.3124, 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.



61.2202, 0.3110, 0.3176



89.7747, 0.3105, 0.3142



61.5569, 0.3147, 0.3199



13.0980, 0.3103, 0.3128



6.9471, 0.2476, 0.1138



0.4609, 0.2607, 0.1210

Inverse Universe

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



61.3088, 0.3183, 0.3256



89.9493, 0.3200, 0.3246



64.6786, 0.3108, 0.3382



13.1262, 0.3207, 0.3242



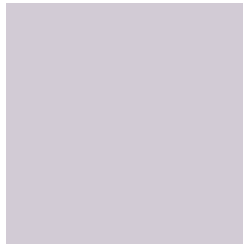
8.8764, 0.5763, 0.2948



0.5498, 0.5264, 0.2673

Previews

White Background



This preview shows how the Yxy color 61.2176, 0.3110, 0.3176 looks on a white background.

Color Contrast Check

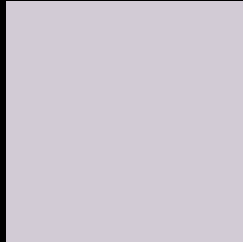
Large Text (above 18pt) WCAG AA × Fail

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 61.2176, 0.3110, 0.3176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

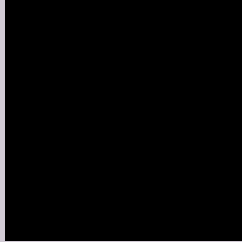
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

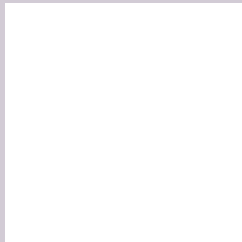
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.2176, 0.3110, 0.3176

Background



This preview shows how black text looks on a background with the Yxy color 61.2176, 0.3110, 0.3176.

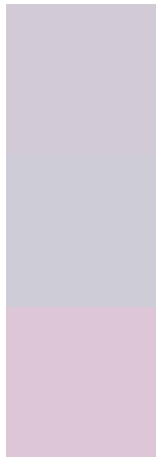


This preview shows how white text looks on a background with the Yxy color 61.2176, 0.3110, 0.3176.

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

61.2176, 0.3110, 0.3176

Protanopia

61.1626, 0.3072, 0.3175

Deuteranopia

61.0740, 0.3190, 0.3123



Tritanopia

61.1519, 0.3082, 0.3108

Trichromacy



Original Color

61.2176, 0.3110, 0.3176

Protanomaly

61.3062, 0.3080, 0.3175

Deuteranomaly

60.9153, 0.3158, 0.3133

Tritanomaly

61.0478, 0.3096, 0.3131

Monochromacy



Original Color

61.2176, 0.3110, 0.3176

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.5315, 0.3114, 0.3244

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.2176, 0.3110, 0.3176 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(210, 203, 213)` looks like.

```
.text, #text, p{  
    color:rgb(210, 203, 213)  
}
```

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(210, 203, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 203, 213) }
```

Border

The CSS property to change the border of an element to Yxy 61.2176, 0.3110, 0.3176 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(210, 203, 213) }
```

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

```
.border{ border-color:rgb(210, 203, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 203, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 203, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 203, 213);  
box-shadow:4px 4px 4px 4px rgb(210, 203,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 61.2176, 0.3110, 0.3176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 203, 213) }
```

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

```
.background{ background-color: rgb(210,  
203, 213) }
```

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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