

Converting Colors

$Yxy(60.4640, 0.3034, 0.3233)$

Have a look what the booklet for
Yxy(60.4640, 0.3034, 0.3233)
contains.

Yxy(60.1861, 0.3032, 0.3231)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(60.1861, 0.3032, 0.3231)

Conversions

Conversions Part 1

Format	Color
Hex	C5CDD2
RGB	197, 205, 210
RGB Percent	77%, 80%, 82%
CMY	0.2277, 0.1960, 0.1765
CMYK	0.06, 0.02, 0.00, 0.18
HSL	203°, 13%, 80%
HSV	203°, 6%, 82%
XYZ	56.4792, 60.1861, 69.6117
YIQ	203.1780, -6.3730, -0.1410

Conversions

Conversions Part 2

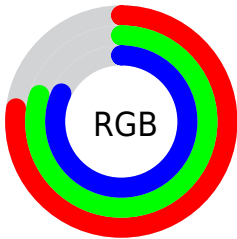
Format	Color
RYB	197, 202, 210
Decimal	12963282
CIELab	81.94, -1.79, -3.43
CIELCh	82, 3.874, 242.423
Yxy	60.1861, 0.3032, 0.3231
Android (android.graphics.Color)	4291153362 (0xFFC5CDD2)
YUV	203.1780, 3.3632, -5.4181
Hunter-Lab	77.5797, -5.8138, 1.1053

Details

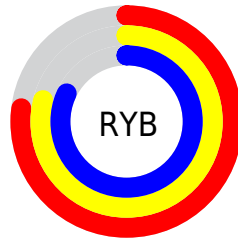
The Yxy color **60.1861, 0.3032, 0.3231** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.9362, 0.3226, 0.3348**, and the grayscale version is **59.8166, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8108, 0.3121, 0.3290**, and **30.3732, 0.3002, 0.3211** is the 20% darker color. If you saturate the color by 10%, you get **53.8142, 0.2877, 0.3128**, and if you desaturate by 10%, it is **67.1541, 0.3184, 0.3324**.

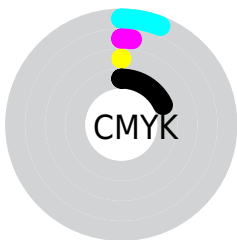
Distribution



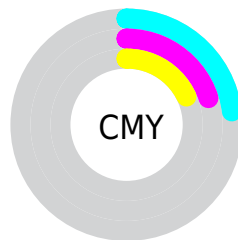
- Red (77%)
- Green (80%)
- Blue (82%)



- Red (77%)
- Yellow (79%)
- Blue (82%)



- Cyan (6%)
- Magenta (2%)
- Yellow (0%)
- Black (18%)



- Cyan (23%)
- Magenta (20%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.1861, 0.3032, 0.3231 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 60.1861, 0.3032, 0.3231 by changing the saturation by 10% instead.

■ 60.1861, 0.3032,
0.3231

■ 60.1861, 0.3032,
0.3231

425.2834, 0.3078,
0.3259

■ 43.5687, 0.3021,
0.3224

105.0996, 0.3048,
0.3241

■ 30.3315, 0.3008,
0.3216

134.1644, 0.3054,
0.3245

■ 20.0904, 0.2990,
0.3205

168.1471, 0.3060,
0.3248

■ 12.4608, 0.2967,
0.3190

207.4322, 0.3064,
0.3251

■ 7.0583, 0.2934,
0.3168

252.4040, 0.3068,
0.3254

■ 3.4986, 0.2883,
0.3136

303.4468, 0.3072,

■ 1.3972, 0.2798,

0.3256

0.3079

360.9452, 0.3075,
0.3258

0.2147, 0.1888,
0.2529

0.0000, 0.0000,
0.0000

60.1861, 0.3032,
0.3231

60.1861, 0.3032,
0.3231

53.8142, 0.2877,
0.3128

67.1541, 0.3184,
0.3324

48.0118, 0.2720,
0.3014

74.7288, 0.3332,
0.3407

42.7609, 0.2567,
0.2890

81.9797, 0.3437,
0.3482

38.0399, 0.2419,
0.2757

86.5166, 0.3423,
0.3561

■ 33.8253, 0.2281,
0.2617

■ 91.2607, 0.3410,
0.3638

■ 30.0912, 0.2158,
0.2471

■ 96.2146, 0.3397,
0.3713

■ 26.8090, 0.2053,
0.2323

■ 97.4331, 0.3394,
0.3731

■ 23.9457, 0.1968,
0.2176

■ 21.4604, 0.1904,
0.2032

Harmonies

Analogous

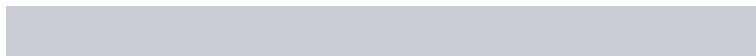
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



60.1861, 0.3036, 0.3270



60.1861, 0.3032, 0.3231



60.1861, 0.3053, 0.3208

Triad

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



60.1861, 0.3032, 0.3231



60.1861, 0.3190, 0.3265



60.1861, 0.3160, 0.3375

Complementary

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



60.1861, 0.3032, 0.3231



59.9362, 0.3226, 0.3348

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.



60.1861, 0.3202, 0.3373



60.1861, 0.3032, 0.3231



60.1861, 0.3219, 0.3309

Square

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



60.1861, 0.3032, 0.3231



60.1861, 0.3144, 0.3228



60.1861, 0.3223, 0.3349



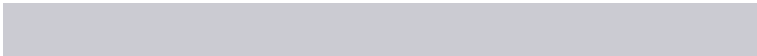
60.1861, 0.3110, 0.3353

Rectangle

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



60.1861, 0.3032, 0.3231



60.1861, 0.3078, 0.3205



60.1861, 0.3223, 0.3349



60.1861, 0.3176, 0.3377

Sweetspot

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



60.1886, 0.3032, 0.3231



97.8106, 0.3096, 0.3271



62.2075, 0.3087, 0.3388



20.9585, 0.3098, 0.3272



0.0000, 0.0000, 0.0000



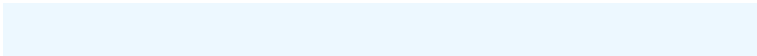
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



60.1886, 0.3032, 0.3231



92.5029, 0.3019, 0.3223



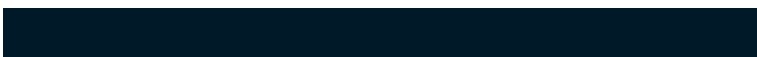
57.2190, 0.3033, 0.3155



12.8850, 0.3012, 0.3218



12.7602, 0.1889, 0.1999



0.8642, 0.1962, 0.2262

Inverse Universe

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



58.0185, 0.3171, 0.3196



88.7045, 0.3177, 0.3183



62.9684, 0.3220, 0.3421



12.3225, 0.3181, 0.3176



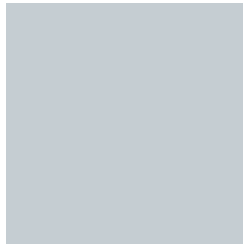
9.3594, 0.4454, 0.2227



0.5385, 0.4166, 0.2069

Previews

White Background



This preview shows how the Yxy color 60.1861, 0.3032, 0.3231 looks on a white background.

Color Contrast Check

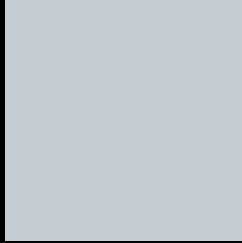
Large Text (above 18pt) WCAG AA × Fail

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 60.1861, 0.3032, 0.3231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

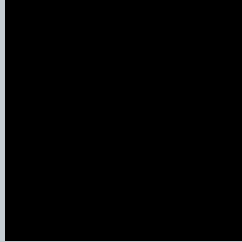
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

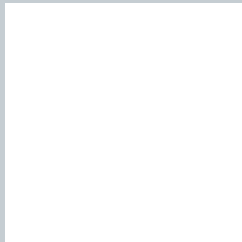
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.1861, 0.3032, 0.3231

Background



This preview shows how black text looks on a background with the Yxy color 60.1861, 0.3032, 0.3231.



This preview shows how white text looks on a background with the Yxy color 60.1861, 0.3032, 0.3231.

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

60.1861, 0.3032, 0.3231

Protanopia

59.9663, 0.3108, 0.3209

Deuteranopia

59.9016, 0.3198, 0.3122



Tritanopia

60.4952, 0.2979, 0.3104

Trichromacy



Original Color

60.1861, 0.3032, 0.3231

Protanomaly

60.0118, 0.3085, 0.3220

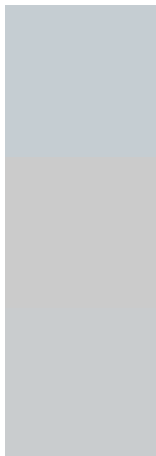
Deuteranomaly

60.0088, 0.3141, 0.3164

Tritanomaly

60.1494, 0.2999, 0.3149

Monochromacy



Original Color

60.1861, 0.3032, 0.3231

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

60.0595, 0.3090, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.1861, 0.3032, 0.3231 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(197, 205, 210)` looks like.

```
.text, #text, p{  
    color:rgb(197, 205, 210)  
}
```

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(197, 205, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 205, 210) }
```

Border

The CSS property to change the border of an element to Yxy 60.1861, 0.3032, 0.3231 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(197, 205, 210) }
```

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

```
.border{ border-color:rgb(197, 205, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 205, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 205, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 205, 210);  
box-shadow:4px 4px 4px 4px rgb(197, 205,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 60.1861, 0.3032, 0.3231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 205, 210) }
```

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

```
.background{ background-color: rgb(197,  
205, 210) }
```

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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