

Converting Colors

Yxy(62.9827, 0.3058, 0.3131)

Have a look what the booklet for
Yxy(62.9827, 0.3058, 0.3131)
contains.

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Color

Yxy(63.0116, 0.3060, 0.3132)

Conversions

Conversions Part 1

Format	Color
Hex	D2CEDC
RGB	210, 206, 220
RGB Percent	82%, 81%, 86%
CMY	0.1765, 0.1921, 0.1373
CMYK	0.05, 0.06, 0.00, 0.14
HSL	257°, 17%, 84%
HSV	257°, 6%, 86%
XYZ	61.5631, 63.0116, 76.6118
YIQ	208.7920, -2.1100, 5.2020

Conversions

Conversions Part 2

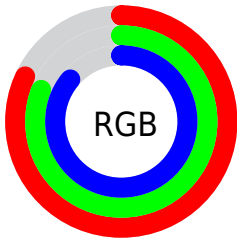
Format	Color
R _{YB}	210, 206, 220
Decimal	13815516
CIE Lab	83.45, 3.95, -6.42
CIE LCh	83, 7.542, 301.612
Yxy	63.0116, 0.3060, 0.3132
Android (android.graphics.Color)	4292005596 (0xFFD2CEDC)
YUV	208.7920, 5.5255, 1.0594
Hunter-Lab	79.3798, -0.4790, -1.6566

Details

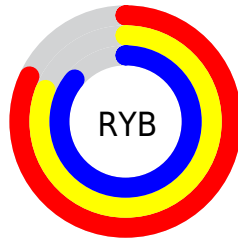
The Yxy color **63.0116, 0.3060, 0.3132** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.2305, 0.3192, 0.3446**, and the grayscale version is **63.5822, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.2410, 0.3047, 0.3097** is the 20% darker color. If you saturate the color by 10%, you get **50.9563, 0.2941, 0.2861**, and if you desaturate by 10%, it is **76.7815, 0.3163, 0.3376**.

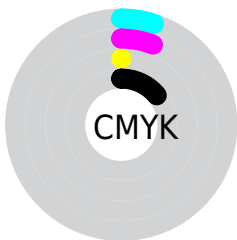
Distribution



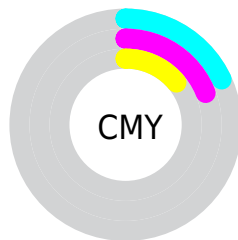
- Red (82%)
- Green (81%)
- Blue (86%)



- Red (82%)
- Yellow (81%)
- Blue (86%)



- Cyan (5%)
- Magenta (6%)
- Yellow (0%)
- Black (14%)



- Cyan (18%)
- Magenta (19%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.0116, 0.3060, 0.3132 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 63.0116, 0.3060, 0.3132 by changing the saturation by 10% instead.

■ 63.0116, 0.3060,
0.3132

■ 63.0116, 0.3060,
0.3132

435.6116, 0.3092,
0.3206

■ 45.8506, 0.3052,
0.3115

109.1862, 0.3071,
0.3158

■ 32.1279, 0.3043,
0.3093

138.9687, 0.3076,
0.3168

■ 21.4592, 0.3031,
0.3065

173.7270, 0.3079,
0.3177

■ 13.4601, 0.3014,
0.3029

213.8457, 0.3083,
0.3184

■ 7.7461, 0.2991,
0.2978

259.7091, 0.3085,
0.3191

■ 3.9329, 0.2955,
0.2902

311.7016, 0.3088,

■ 1.6361, 0.2896,

0.3197

0.2779

370.2077, 0.3090,
0.3202

■ 0.3818, 0.2693,
0.2238

■ 0.0000, 0.0000,
0.0000

■ 63.0116, 0.3060,
0.3132

■ 63.0116, 0.3060,
0.3132

■ 50.9563, 0.2941,
0.2861

■ 76.7815, 0.3163,
0.3376

■ 40.5398, 0.2804,
0.2565

■ 92.3219, 0.3251,
0.3593

■ 31.6926, 0.2652,
0.2249

■ 97.9462, 0.3334,
0.3631

■ 24.3369, 0.2485,
0.1924

■ 18.3880, 0.2311,
0.1602

■ 13.7529, 0.2136,
0.1304

■ 10.3266, 0.1971,
0.1050

■ 7.9876, 0.1826,
0.0855

■ 6.5843, 0.1710,
0.0730

Harmonies

Analogous

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



63.0116, 0.2983, 0.3134



63.0116, 0.3060, 0.3132



63.0116, 0.3156, 0.3171

Triad

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



63.0116, 0.3060, 0.3132



63.0116, 0.3313, 0.3399



63.0116, 0.3010, 0.3340

Complementary

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



63.0116, 0.3060, 0.3132



70.2305, 0.3192, 0.3446

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.



63.0116, 0.3097, 0.3414



63.0116, 0.3060, 0.3132



63.0116, 0.3272, 0.3448

Square

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



63.0116, 0.3060, 0.3132



63.0116, 0.3303, 0.3323



63.0116, 0.3193, 0.3454



63.0116, 0.2955, 0.3253

Rectangle

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



63.0116, 0.3060, 0.3132



63.0116, 0.3218, 0.3215



63.0116, 0.3193, 0.3454



63.0116, 0.3036, 0.3367

Sweetspot

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



63.0143, 0.3060, 0.3132



96.1039, 0.3107, 0.3241



67.4120, 0.3029, 0.3245



20.6110, 0.3108, 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.



63.0143, 0.3060, 0.3132



85.0053, 0.3041, 0.3087



64.0585, 0.3112, 0.3135



12.7959, 0.3025, 0.3051



3.6956, 0.1688, 0.0703



0.2826, 0.1862, 0.0799

Inverse Universe

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



64.3180, 0.3162, 0.3179



87.2992, 0.3173, 0.3149



69.1925, 0.3141, 0.3448



13.2083, 0.3181, 0.3124



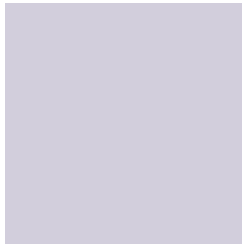
10.3852, 0.4085, 0.2024



0.6873, 0.3909, 0.1927

Previews

White Background



This preview shows how the Yxy color 63.0116, 0.3060, 0.3132 looks on a white background.

Color Contrast Check

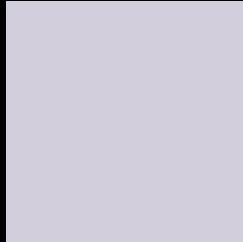
Large Text (above 18pt) WCAG AA × Fail

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 63.0116, 0.3060, 0.3132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

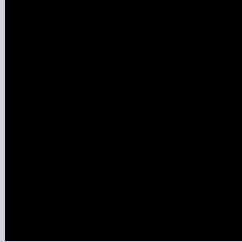
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

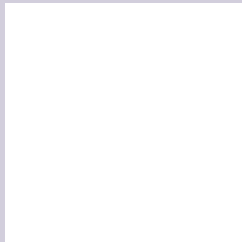
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.0116, 0.3060, 0.3132

Background



This preview shows how black text looks on a background with the Yxy color 63.0116, 0.3060, 0.3132.

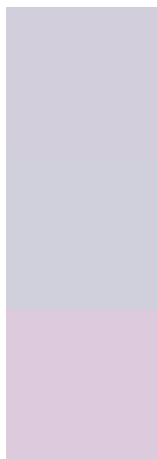


This preview shows how white text looks on a background with the Yxy color 63.0116, 0.3060, 0.3132.

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

63.0116, 0.3060, 0.3132

Protanopia

63.2029, 0.3045, 0.3142

Deuteranopia

62.9911, 0.3145, 0.3081



Tritanopia

63.1182, 0.3046, 0.3110

Trichromacy



Original Color

63.0116, 0.3060, 0.3132

Protanomaly

63.3483, 0.3052, 0.3143

Deuteranomaly

62.8378, 0.3114, 0.3090

Tritanomaly

63.0647, 0.3053, 0.3121

Monochromacy



Original Color

63.0116, 0.3060, 0.3132

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.4712, 0.3100, 0.3233

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.0116, 0.3060, 0.3132 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, 206, 220)` looks like.

```
.text, #text, p{  
    color:rgb(210, 206, 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(210, 206, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 206, 220) }
```

Border

The CSS property to change the border of an element to Yxy 63.0116, 0.3060, 0.3132 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, 206, 220) }
```

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

```
.border{ border-color:rgb(210, 206, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 206, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 206, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 206, 220);  
box-shadow:4px 4px 4px 4px rgb(210, 206,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 63.0116, 0.3060, 0.3132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 206, 220) }
```

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

```
.background{ background-color: rgb(210,  
206, 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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