

Converting Colors

$Yxy(60.4555, 0.3050, 0.3151)$

Have a look what the booklet for
Yxy(60.4555, 0.3050, 0.3151)
contains.

Yxy(60.4555, 0.3050, 0.3151)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(60.4555, 0.3050, 0.3151)

Conversions

Conversions Part 1

Format	Color
Hex	CCCBD7
RGB	204, 203, 215
RGB Percent	80%, 80%, 84%
CMY	0.2001, 0.2039, 0.1568
CMYK	0.05, 0.06, 0.00, 0.16
HSL	245°, 13%, 82%
HSV	245°, 6%, 84%
XYZ	58.5177, 60.4555, 72.8881
YIQ	204.6670, -3.2560, 3.9440

Conversions

Conversions Part 2

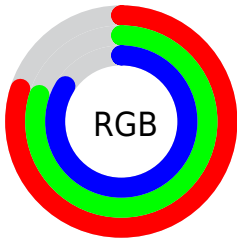
Format	Color
RYB	204, 203, 215
Decimal	13421527
CIELab	82.09, 2.58, -5.84
CIElCh	82, 6.386, 293.785
Yxy	60.4555, 0.3050, 0.3151
Android (android.graphics.Color)	4291611607 (0xFFCCCB D7)
YUV	204.6670, 5.0942, -0.5850
Hunter-Lab	77.7531, -1.7273, -1.1530

Details

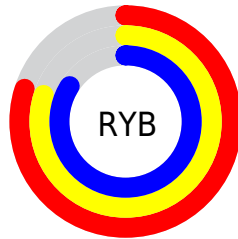
The Yxy color **60.4555, 0.3050, 0.3151** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.2311, 0.3202, 0.3426**, and the grayscale version is **60.7954, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **30.5170, 0.3035, 0.3121** is the 20% darker color. If you saturate the color by 10%, you get **48.3739, 0.2896, 0.2877**, and if you desaturate by 10%, it is **74.3065, 0.3184, 0.3393**.

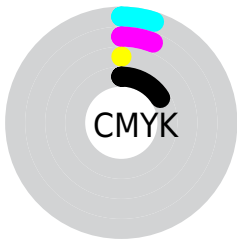
Distribution



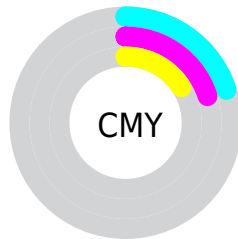
- Red (80%)
- Green (80%)
- Blue (84%)



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



- Cyan (5%)
- Magenta (6%)
- Yellow (0%)
- Black (16%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.4555, 0.3050, 0.3151 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 60.4555, 0.3050, 0.3151 by changing the saturation by 10% instead.

■ 60.4555, 0.3050,
0.3151

■ 60.4555, 0.3050,
0.3151

426.2747, 0.3087,
0.3217

■ 43.7859, 0.3041,
0.3135

105.4901, 0.3063,
0.3174

■ 30.5022, 0.3030,
0.3116

134.6240, 0.3068,
0.3183

■ 20.2201, 0.3016,
0.3091

168.6813, 0.3072,
0.3191

■ 12.5551, 0.2996,
0.3057

208.0466, 0.3076,
0.3198

■ 7.1229, 0.2969,
0.3010

253.1041, 0.3079,
0.3203

■ 3.5391, 0.2927,
0.2939

304.2384, 0.3082,

■ 1.4192, 0.2856,

0.3209

361.8338, 0.3085,
0.3213

0.2821

0.2308, 0.2406,
0.1968

0.0000, 0.0000,
0.0000

60.4555, 0.3050,
0.3151

60.4555, 0.3050,
0.3151

48.3739, 0.2896,
0.2877

74.3065, 0.3184,
0.3393

37.9831, 0.2723,
0.2571

89.9860, 0.3299,
0.3604

29.2098, 0.2532,
0.2239

97.6874, 0.3363,
0.3681

21.9727, 0.2329,
0.1892

■ 16.1831, 0.2124,
0.1546

■ 11.7434, 0.1928,
0.1226

■ 8.5438, 0.1759,
0.0956

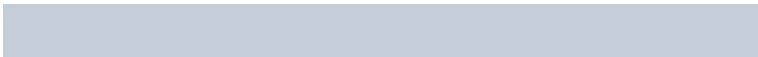
■ 6.4575, 0.1628,
0.0758

■ 5.3297, 0.1545,
0.0644

Harmonies

Analogous

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



60.4555, 0.2991, 0.3163



60.4555, 0.3050, 0.3151



60.4555, 0.3130, 0.3176

Triad

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



60.4555, 0.3050, 0.3151



60.4555, 0.3288, 0.3369



60.4555, 0.3044, 0.3351

Complementary

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



60.4555, 0.3050, 0.3151



67.2311, 0.3202, 0.3426

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.



60.4555, 0.3123, 0.3409



60.4555, 0.3050, 0.3151



60.4555, 0.3264, 0.3418

Square

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



60.4555, 0.3050, 0.3151



60.4555, 0.3268, 0.3300



60.4555, 0.3204, 0.3433



60.4555, 0.2988, 0.3278

Rectangle

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



60.4555, 0.3050, 0.3151



60.4555, 0.3185, 0.3209



60.4555, 0.3204, 0.3433



60.4555, 0.3069, 0.3373

Sweetspot

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



60.4581, 0.3050, 0.3151



95.9091, 0.3100, 0.3241



65.8107, 0.3041, 0.3281



20.5713, 0.3101, 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.



60.4581, 0.3050, 0.3151



86.1497, 0.3028, 0.3112



61.3009, 0.3094, 0.3153



12.5634, 0.3022, 0.3100



3.0240, 0.1527, 0.0615



0.1991, 0.1609, 0.0660

Inverse Universe

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



62.0275, 0.3140, 0.3165



89.0447, 0.3144, 0.3132



66.3655, 0.3159, 0.3428



13.0167, 0.3145, 0.3121



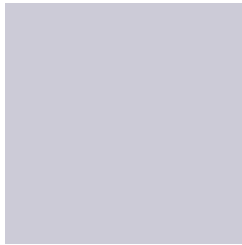
11.0872, 0.3417, 0.1656



0.6739, 0.3377, 0.1634

Previews

White Background



This preview shows how the Yxy color 60.4555, 0.3050, 0.3151 looks on a white background.

Color Contrast Check

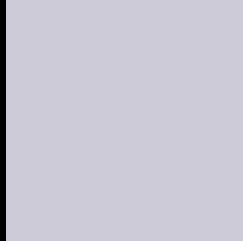
Large Text (above 18pt) WCAG AA × Fail

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 60.4555, 0.3050, 0.3151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

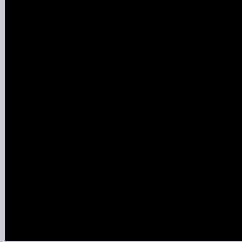
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

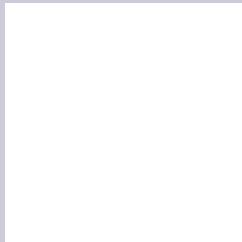
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.4555, 0.3050, 0.3151

Background



This preview shows how black text looks on a background with the Yxy color 60.4555, 0.3050, 0.3151.

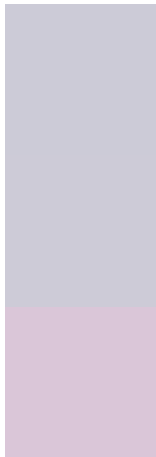


This preview shows how white text looks on a background with the Yxy color 60.4555, 0.3050, 0.3151.

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

60.4555, 0.3050, 0.3151

Protanopia

60.5973, 0.3058, 0.3151

Deuteranopia

60.2515, 0.3152, 0.3088



Tritanopia

60.2822, 0.3037, 0.3106

Trichromacy



Original Color

60.4555, 0.3050, 0.3151

Protanomaly

60.5973, 0.3058, 0.3151

Deuteranomaly

60.4126, 0.3113, 0.3109

Tritanomaly

60.2299, 0.3044, 0.3117

Monochromacy



Original Color

60.4555, 0.3050, 0.3151

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.7683, 0.3099, 0.3232

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.4555, 0.3050, 0.3151 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(204, 203, 215)` looks like.

```
.text, #text, p{  
    color:rgb(204, 203, 215)  
}
```

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(204, 203, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 203, 215) }
```

Border

The CSS property to change the border of an element to Yxy 60.4555, 0.3050, 0.3151 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(204, 203, 215) }
```

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

```
.border{ border-color:rgb(204, 203, 215) }
```

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

Here you see how a box with a 4 pixel rgb(204, 203, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 203, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 203, 215);  
box-shadow:4px 4px 4px 4px rgb(204, 203,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 60.4555, 0.3050, 0.3151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 203, 215) }
```

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

```
.background{ background-color: rgb(204,  
203, 215) }
```

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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