

Converting Colors

$Yxy(62.4774, 0.3057, 0.3310)$

Have a look what the booklet for
Yxy(62.4774, 0.3057, 0.3310)
contains.

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Color

Yxy(62.6530, 0.3052, 0.3313)

Conversions

Conversions Part 1

Format	Color
Hex	C6D2D0
RGB	198, 210, 208
RGB Percent	78%, 82%, 82%
CMY	0.2236, 0.1764, 0.1842
CMYK	0.06, 0.00, 0.01, 0.18
HSL	170°, 12%, 80%
HSV	170°, 6%, 82%
XYZ	57.7172, 62.6530, 68.7424
YIQ	206.1840, -6.5100, -3.1660

Conversions

Conversions Part 2

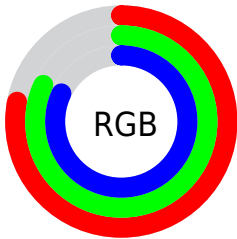
Format	Color
RYB	198, 205, 210
Decimal	13030096
CIELab	83.26, -4.43, -0.44
CIELCh	83, 4.456, 185.628
Yxy	62.6530, 0.3052, 0.3313
Android (android.graphics.Color)	4291220176 (0xFFC6D2D0)
YUV	206.1840, 0.8953, -7.1774
Hunter-Lab	79.1536, -8.3605, 3.9161

Details

The Yxy color **62.6530, 0.3052, 0.3313** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.2464, 0.3208, 0.3267**, and the grayscale version is **61.8424, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.0393, 0.3029, 0.3321** is the 20% darker color. If you saturate the color by 10%, you get **59.8289, 0.2925, 0.3356**, and if you desaturate by 10%, it is **65.8818, 0.3184, 0.3274**.

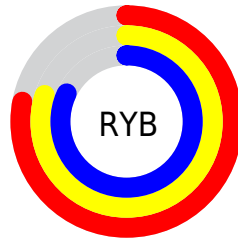
Distribution



Red (78%)

Green (82%)

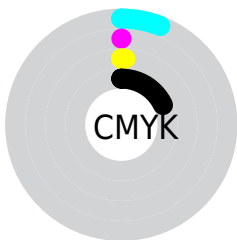
Blue (82%)



Red (78%)

Yellow (80%)

Blue (82%)

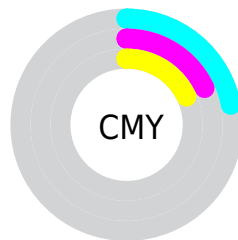


Cyan (6%)

Magenta (0%)

Yellow (1%)

Black (18%)



Cyan (22%)

Magenta (18%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.6530, 0.3052, 0.3313 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 62.6530, 0.3052, 0.3313 by changing the saturation by 10% instead.

■ 62.6530, 0.3052,
0.3313

■ 62.6530, 0.3052,
0.3313

434.3091, 0.3088,
0.3302

■ 45.5605, 0.3044,
0.3316

108.6687, 0.3065,
0.3309

■ 31.8992, 0.3033,
0.3319

138.3608, 0.3069,
0.3308

■ 21.2845, 0.3019,
0.3323

173.0216, 0.3074,
0.3307

■ 13.3321, 0.3001,
0.3328

213.0354, 0.3077,
0.3305

■ 7.6576, 0.2976,
0.3336

258.7866, 0.3080,
0.3304

■ 3.8767, 0.2938,
0.3347

310.6597, 0.3083,

■ 1.6048, 0.2873,

0.3304

369.0391, 0.3086,
0.3303

0.3366

0.3608, 0.2303,
0.3541

0.0000, 0.0000,
0.0000

62.6530, 0.3052,
0.3313

62.6530, 0.3052,
0.3313

59.8289, 0.2925,
0.3356

65.8818, 0.3184,
0.3274

57.3854, 0.2806,
0.3404

69.5225, 0.3318,
0.3238

55.3077, 0.2697,
0.3454

72.4415, 0.3407,
0.3206

53.5771, 0.2602,
0.3508

72.6250, 0.3382,
0.3171

■ 52.1735, 0.2523,
0.3565

■ 72.8123, 0.3357,
0.3136

■ 51.0742, 0.2462,
0.3623

■ 73.0034, 0.3332,
0.3102

■ 50.2540, 0.2421,
0.3682

■ 73.1983, 0.3307,
0.3068

■ 49.6835, 0.2399,
0.3741

■ 73.3971, 0.3282,
0.3034

■ 49.3262, 0.2394,
0.3799

■ 73.5999, 0.3257,
0.3001

Harmonies

Analogous

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



62.6530, 0.3102, 0.3358



62.6530, 0.3052, 0.3313



62.6530, 0.3022, 0.3262

Triad

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



62.6530, 0.3052, 0.3313



62.6530, 0.3095, 0.3198



62.6530, 0.3235, 0.3360

Complementary

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



62.6530, 0.3052, 0.3313



58.2464, 0.3208, 0.3267

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.



62.6530, 0.3233, 0.3317



62.6530, 0.3052, 0.3313



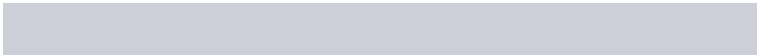
62.6530, 0.3152, 0.3224

Square

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



62.6530, 0.3052, 0.3313



62.6530, 0.3047, 0.3196



62.6530, 0.3203, 0.3267



62.6530, 0.3208, 0.3385

Rectangle

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



62.6530, 0.3052, 0.3313



62.6530, 0.3018, 0.3232



62.6530, 0.3203, 0.3267



62.6530, 0.3238, 0.3347

Sweetspot

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



62.6557, 0.3052, 0.3313



98.9915, 0.3100, 0.3298



62.4506, 0.3135, 0.3432



21.1988, 0.3102, 0.3298



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.



62.6557, 0.3052, 0.3313



96.5824, 0.3035, 0.3319



60.7970, 0.3039, 0.3243



13.4914, 0.3029, 0.3321



30.0267, 0.2393, 0.3815



1.6880, 0.2363, 0.3708

Inverse Universe

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



58.2464, 0.3208, 0.3267



88.2119, 0.3228, 0.3262



60.0129, 0.3219, 0.3337



12.2494, 0.3235, 0.3260



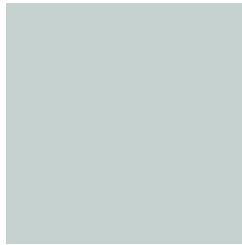
8.4403, 0.6148, 0.3161



0.4820, 0.5677, 0.2901

Previews

White Background



This preview shows how the Yxy color 62.6530, 0.3052, 0.3313 looks on a white background.

Color Contrast Check

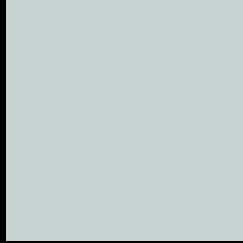
Large Text (above 18pt) WCAG AA × Fail

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 62.6530, 0.3052, 0.3313 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

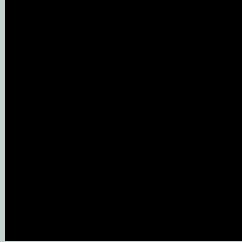
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

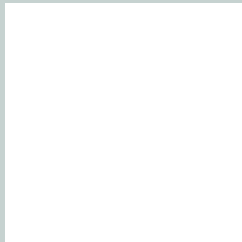
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.6530, 0.3052, 0.3313

Background



This preview shows how black text looks on a background with the Yxy color 62.6530, 0.3052, 0.3313.



This preview shows how white text looks on a background with the Yxy color 62.6530, 0.3052, 0.3313.

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

62.6530, 0.3052, 0.3313

Protanopia

62.4477, 0.3165, 0.3290

Deuteranopia

62.5952, 0.3257, 0.3191



Tritanopia

62.9111, 0.2968, 0.3107

Trichromacy



Original Color

62.6530, 0.3052, 0.3313

Protanomaly

62.2525, 0.3120, 0.3290

Deuteranomaly

62.3881, 0.3183, 0.3234

Tritanomaly

62.9422, 0.3000, 0.3186

Monochromacy



Original Color

62.6530, 0.3052, 0.3313

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.8272, 0.3097, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.6530, 0.3052, 0.3313 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(198, 210, 208)` looks like.

```
.text, #text, p{  
    color:rgb(198, 210, 208)  
}
```

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(198, 210, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 210, 208) }
```

Border

The CSS property to change the border of an element to Yxy 62.6530, 0.3052, 0.3313 is called "border". The border property can be set on classes, ids or directly on the HTML element.

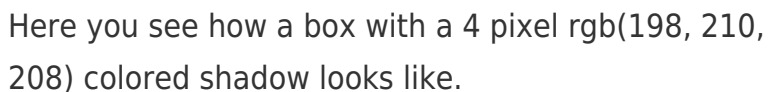
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(198, 210, 208) }
```

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

```
.border{ border-color:rgb(198, 210, 208) }
```

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



Here you see how a box with a 4 pixel `rgb(198, 210, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 210, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 210, 208); box-shadow:4px 4px 4px 4px rgb(198, 210, 208) }
```


Background

The CSS property to change the background color of an element to Yxy 62.6530, 0.3052, 0.3313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 210, 208) }
```

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

```
.background{ background-color: rgb(198,  
210, 208) }
```

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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