

Converting Colors

$Y_{xy}(62.2810, 0.3027, 0.3320)$

Have a look what the booklet for
Yxy(62.2810, 0.3027, 0.3320)
contains.

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Color

Yxy(62.1166, 0.3023, 0.3313)

Conversions

Conversions Part 1

Format	Color
Hex	C2D2D0
RGB	194, 210, 208
RGB Percent	76%, 82%, 82%
CMY	0.2393, 0.1764, 0.1842
CMYK	0.08, 0.00, 0.01, 0.18
HSL	173°, 15%, 79%
HSV	173°, 8%, 82%
XYZ	56.6793, 62.1166, 68.6976
YIQ	204.9880, -8.8940, -4.0140

Conversions

Conversions Part 2

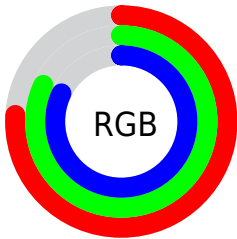
Format	Color
RYB	194, 203, 210
Decimal	12767952
CIELab	82.98, -5.76, -0.89
CIELCh	83, 5.832, 188.774
Yxy	62.1166, 0.3023, 0.3313
Android (android.graphics.Color)	4290958032 (0xFFC2D2D0)
YUV	204.9880, 1.4849, -9.6365
Hunter-Lab	78.8141, -9.5561, 3.4902

Details

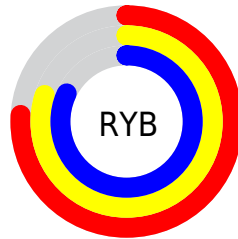
The Yxy color **62.1166, 0.3023, 0.3313** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.2616, 0.3242, 0.3267**, and the grayscale version is **61.0377, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2492, 0.3102, 0.3290**, and **31.6855, 0.2991, 0.3321** is the 20% darker color. If you saturate the color by 10%, you get **59.4081, 0.2892, 0.3346**, and if you desaturate by 10%, it is **65.2251, 0.3160, 0.3283**.

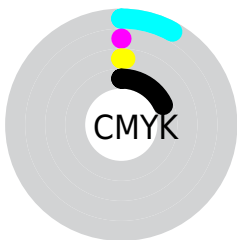
Distribution



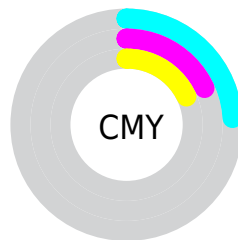
- Red (76%)
- Green (82%)
- Blue (82%)



- Red (76%)
- Yellow (80%)
- Blue (82%)



- Cyan (8%)
- Magenta (0%)
- Yellow (1%)
- Black (18%)



- Cyan (24%)
- Magenta (18%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.1166, 0.3023, 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 62.1166, 0.3023, 0.3313 by changing the saturation by 10% instead.

■ 62.1166, 0.3023,
0.3313

■ 62.1166, 0.3023,
0.3313

432.3563, 0.3073,
0.3302

■ 45.1269, 0.3011,
0.3315

■ 107.8940, 0.3040,
0.3309

■ 31.5574, 0.2997,
0.3319

137.4506, 0.3047,
0.3308

■ 21.0237, 0.2978,
0.3323

171.9649, 0.3053,
0.3307

■ 13.1413, 0.2953,
0.3328

211.8213, 0.3058,
0.3305

■ 7.5259, 0.2917,
0.3335

257.4043, 0.3062,
0.3305

■ 3.7931, 0.2864,
0.3346

309.0981, 0.3066,

■ 1.5585, 0.2775,

0.3304

367.2874, 0.3070,
0.3303

0.3364

0.3294, 0.1868,
0.3570

0.0000, 0.0000,
0.0000

62.1166, 0.3023,
0.3313

62.1166, 0.3023,
0.3313

59.4081, 0.2892,
0.3346

65.2251, 0.3160,
0.3283

57.0753, 0.2770,
0.3381

68.7411, 0.3300,
0.3256

55.1033, 0.2660,
0.3419

72.3037, 0.3427,
0.3232

53.4732, 0.2564,
0.3459

72.4383, 0.3408,
0.3206

■ 52.1642, 0.2485,
0.3501

■ 72.5751, 0.3389,
0.3180

■ 51.1535, 0.2425,
0.3544

■ 72.7140, 0.3370,
0.3154

■ 50.4151, 0.2384,
0.3587

■ 72.8550, 0.3351,
0.3128

■ 49.9186, 0.2362,
0.3630

■ 72.9981, 0.3332,
0.3103

■ 49.6214, 0.2356,
0.3672

■ 73.1435, 0.3313,
0.3077

Harmonies

Analogous

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



62.1166, 0.3086, 0.3374



62.1166, 0.3023, 0.3313



62.1166, 0.2988, 0.3246

Triad

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



62.1166, 0.3023, 0.3313



62.1166, 0.3092, 0.3171



62.1166, 0.3267, 0.3387

Complementary

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



62.1166, 0.3023, 0.3313



56.2616, 0.3242, 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.



62.1166, 0.3269, 0.3332



62.1166, 0.3023, 0.3313



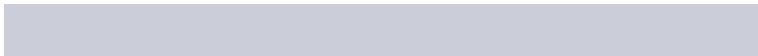
62.1166, 0.3167, 0.3208

Square

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



62.1166, 0.3023, 0.3313



62.1166, 0.3027, 0.3165



62.1166, 0.3232, 0.3266



62.1166, 0.3227, 0.3417

Rectangle

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



62.1166, 0.3023, 0.3313



62.1166, 0.2984, 0.3208



62.1166, 0.3232, 0.3266



62.1166, 0.3272, 0.3370

Sweetspot

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



62.1192, 0.3023, 0.3313



99.0051, 0.3099, 0.3296



61.7425, 0.3134, 0.3482



21.2016, 0.3101, 0.3296



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.



62.1192, 0.3023, 0.3313



95.7235, 0.3003, 0.3318



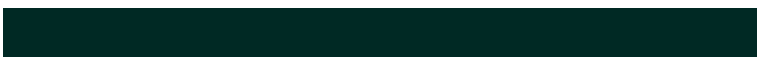
59.3685, 0.3010, 0.3220



13.3810, 0.2999, 0.3319



30.2409, 0.2354, 0.3676



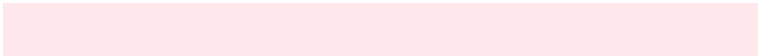
1.6981, 0.2333, 0.3598

Inverse Universe

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



56.2616, 0.3242, 0.3267



84.9924, 0.3266, 0.3263



58.8395, 0.3251, 0.3359



11.8316, 0.3271, 0.3262



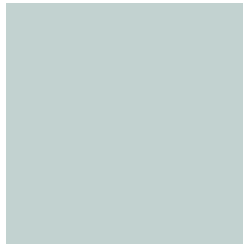
8.4109, 0.6235, 0.3209



0.4783, 0.5839, 0.2990

Previews

White Background



This preview shows how the Yxy color 62.1166, 0.3023, 0.3313 looks on a white background.

Color Contrast Check

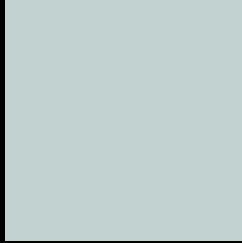
Large Text (above 18pt) WCAG AA × Fail

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 62.1166, 0.3023, 0.3313 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

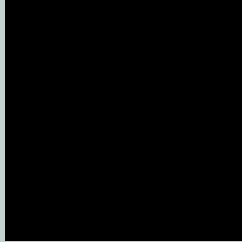
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

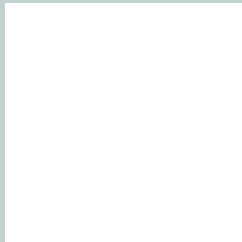
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.1166, 0.3023, 0.3313

Background



This preview shows how black text looks on a background with the Yxy color 62.1166, 0.3023, 0.3313.



This preview shows how white text looks on a background with the Yxy color 62.1166, 0.3023, 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

62.1166, 0.3023, 0.3313

Protanopia

61.7721, 0.3165, 0.3290

Deuteranopia

61.9692, 0.3250, 0.3179



Tritanopia

62.3639, 0.2939, 0.3105

Trichromacy



Original Color

62.1166, 0.3023, 0.3313

Protanomaly

61.9192, 0.3112, 0.3302

Deuteranomaly

62.0853, 0.3168, 0.3233

Tritanomaly

62.3986, 0.2972, 0.3185

Monochromacy



Original Color

62.1166, 0.3023, 0.3313

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

61.4994, 0.3089, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.1166, 0.3023, 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(194, 210, 208)` looks like.

```
.text, #text, p{  
    color:rgb(194, 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(194, 210, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 210, 208) }
```

Border

The CSS property to change the border of an element to Yxy 62.1166, 0.3023, 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(194, 210, 208) }
```

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

```
.border{ border-color:rgb(194, 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(194, 210, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 210, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 210, 208); box-shadow:4px 4px 4px 4px rgb(194, 210, 208) }
```


Background

The CSS property to change the background color of an element to Yxy 62.1166, 0.3023, 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(194, 210, 208) }
```

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

```
.background{ background-color: rgb(194,  
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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