

Converting Colors

Yxy(62.0853, 0.3115, 0.3202)

Have a look what the booklet for
Yxy(62.0853, 0.3115, 0.3202)
contains.

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Color

Yxy(62.1177, 0.3116, 0.3210)

Conversions

Conversions Part 1

Format	Color
Hex	D2CDD4
RGB	210, 205, 212
RGB Percent	82%, 80%, 83%
CMY	0.1764, 0.1961, 0.1686
CMYK	0.01, 0.03, 0.00, 0.17
HSL	283°, 8%, 82%
HSV	283°, 3%, 83%
XYZ	60.2987, 62.1177, 71.0967
YIQ	207.2930, 0.7330, 3.2370

Conversions

Conversions Part 2

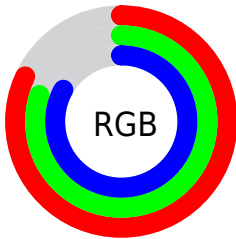
Format	Color
R _Y B	210, 205, 212
Decimal	13815252
CIE Lab	82.98, 3.01, -2.86
CIE LCh	83, 4.152, 316.419
Yxy	62.1177, 0.3116, 0.3210
Android (android.graphics.Color)	4292005332 (0xFFD2CDD4)
YUV	207.2930, 2.3206, 2.3740
Hunter-Lab	78.8148, -1.3612, 1.6864

Details

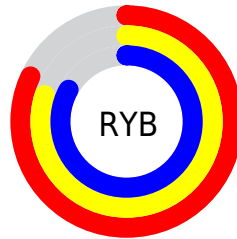
The Yxy color $62.1177, 0.3116, 0.3210$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $64.7539, 0.3138, 0.3371$, and the grayscale version is $62.5836, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $31.6355, 0.3121, 0.3200$ is the 20% darker color. If you saturate the color by 10%, you get $51.7968, 0.3078, 0.2957$, and if you desaturate by 10%, it is $73.8507, 0.3148, 0.3446$.

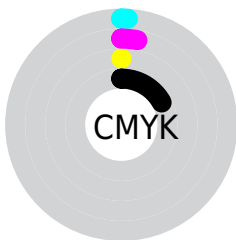
Distribution



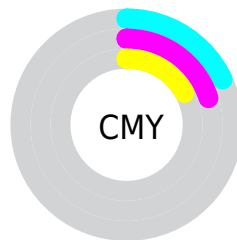
- Red (82%)
- Green (80%)
- Blue (83%)



- Red (82%)
- Yellow (80%)
- Blue (83%)



- Cyan (1%)
- Magenta (3%)
- Yellow (0%)
- Black (17%)



- Cyan (18%)
- Magenta (20%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.1177, 0.3116, 0.3210 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 62.1177, 0.3116, 0.3210 by changing the saturation by 10% instead.

■ 62.1177, 0.3116,
0.3210

■ 62.1177, 0.3116,
0.3210

432.3603, 0.3121,
0.3248

■ 45.1278, 0.3115,
0.3201

107.8956, 0.3118,
0.3223

■ 31.5581, 0.3113,
0.3190

137.4524, 0.3119,
0.3229

■ 21.0242, 0.3111,
0.3176

171.9670, 0.3119,
0.3233

■ 13.1417, 0.3108,
0.3157

211.8238, 0.3120,
0.3237

■ 7.5262, 0.3104,
0.3130

257.4071, 0.3120,
0.3240

■ 3.7933, 0.3097,
0.3090

309.1013, 0.3121,

■ 1.5586, 0.3086,

0.3243

0.3023

367.2909, 0.3121,
0.3246

0.3295, 0.3032,
0.2584

0.0000, 0.0000,
0.0000

62.1177, 0.3116,
0.3210

62.1177, 0.3116,
0.3210

51.7968, 0.3078,
0.2957

73.8507, 0.3148,
0.3446

42.8248, 0.3032,
0.2692

87.0399, 0.3173,
0.3664

35.1454, 0.2978,
0.2421

92.7537, 0.3206,
0.3735

28.6954, 0.2918,
0.2151

93.7453, 0.3244,
0.3729

■ 23.4059, 0.2850,
0.1894

■ 94.7709, 0.3282,
0.3724

■ 19.2013, 0.2777,
0.1661

■ 95.8308, 0.3321,
0.3719

■ 15.9968, 0.2701,
0.1463

■ 96.9253, 0.3360,
0.3714

■ 13.6948, 0.2625,
0.1309

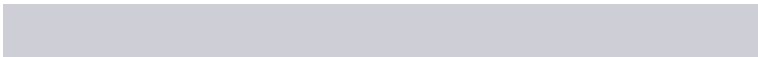
■ 97.5333, 0.3382,
0.3711

■ 12.1772, 0.2550,
0.1202

Harmonies

Analogous

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



62.1177, 0.3066, 0.3200



62.1177, 0.3116, 0.3210



62.1177, 0.3169, 0.3241

Triad

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



62.1177, 0.3116, 0.3210



62.1177, 0.3222, 0.3367



62.1177, 0.3044, 0.3294

Complementary

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



62.1177, 0.3116, 0.3210



64.7539, 0.3138, 0.3371

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.



62.1177, 0.3085, 0.3340



62.1177, 0.3116, 0.3210



62.1177, 0.3188, 0.3382

Square

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



62.1177, 0.3116, 0.3210



62.1177, 0.3230, 0.3331



62.1177, 0.3138, 0.3372



62.1177, 0.3025, 0.3248

Rectangle

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



62.1177, 0.3116, 0.3210



62.1177, 0.3199, 0.3270



62.1177, 0.3138, 0.3372



62.1177, 0.3056, 0.3310

Sweetspot

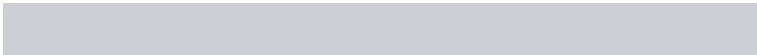
The Sweet Spot groups the original color and five complimentary colors.



62.1204, 0.3116, 0.3210



98.2480, 0.3124, 0.3266



62.3482, 0.3078, 0.3232



21.0476, 0.3124, 0.3267



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.



62.1204, 0.3116, 0.3210



93.1238, 0.3113, 0.3192



62.3350, 0.3142, 0.3228



13.5557, 0.3111, 0.3175



7.1305, 0.2511, 0.1157



0.4708, 0.2636, 0.1226

Inverse Universe

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



62.1612, 0.3167, 0.3268



93.2006, 0.3176, 0.3263



64.5457, 0.3113, 0.3353



13.5690, 0.3184, 0.3258



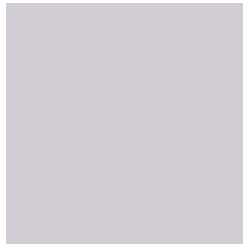
8.8549, 0.5814, 0.2976



0.5482, 0.5314, 0.2701

Previews

White Background



This preview shows how the Yxy color 62.1177, 0.3116, 0.3210 looks on a white background.

Color Contrast Check

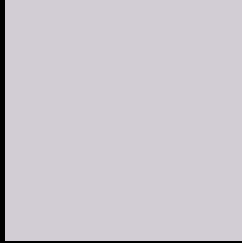
Large Text (above 18pt) WCAG AA × Fail

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 62.1177, 0.3116, 0.3210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

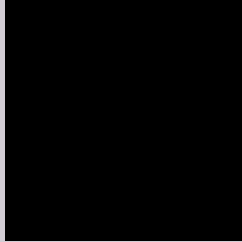
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

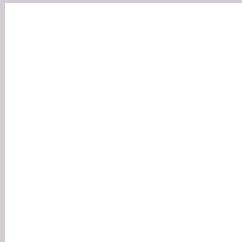
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.1177, 0.3116, 0.3210

Background



This preview shows how black text looks on a background with the Yxy color 62.1177, 0.3116, 0.3210.

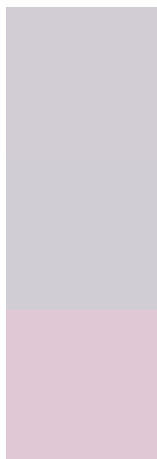


This preview shows how white text looks on a background with the Yxy color 62.1177, 0.3116, 0.3210.

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

62.1177, 0.3116, 0.3210

Protanopia

61.9714, 0.3108, 0.3210

Deuteranopia

61.9599, 0.3220, 0.3146



Tritanopia

62.2019, 0.3068, 0.3109

Trichromacy



Original Color

62.1177, 0.3116, 0.3210

Protanomaly

61.9714, 0.3108, 0.3210

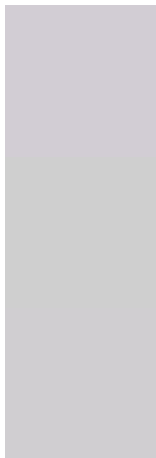
Deuteranomaly

62.1052, 0.3179, 0.3167

Tritanomaly

62.0444, 0.3089, 0.3143

Monochromacy



Original Color

62.1177, 0.3116, 0.3210

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.1560, 0.3121, 0.3255

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.1177, 0.3116, 0.3210 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, 205, 212) looks like.

```
.text, #text, p{  
    color:rgb(210, 205, 212)  
}
```

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, 205, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 205, 212) }
```

Border

The CSS property to change the border of an element to Yxy 62.1177, 0.3116, 0.3210 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, 205, 212) }
```

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

```
.border{ border-color:rgb(210, 205, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 205, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 205, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 205, 212);  
box-shadow:4px 4px 4px 4px rgb(210, 205,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 62.1177, 0.3116, 0.3210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 205, 212) }
```

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

```
.background{ background-color: rgb(210,  
205, 212) }
```

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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