

Converting Colors

$Y_{xy}(58.5971, 0.3101, 0.3162)$

Have a look what the booklet for
Yxy(58.5971, 0.3101, 0.3162)
contains.

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Color

Yxy(58.6218, 0.3102, 0.3162)

Conversions

Conversions Part 1

Format	Color
Hex	CEC7D2
RGB	206, 199, 210
RGB Percent	81%, 78%, 82%
CMY	0.1922, 0.2196, 0.1764
CMYK	0.02, 0.05, 0.00, 0.18
HSL	278°, 11%, 80%
HSV	278°, 5%, 82%
XYZ	57.5094, 58.6218, 69.2635
YIQ	202.3470, 0.6410, 4.9050

Conversions

Conversions Part 2

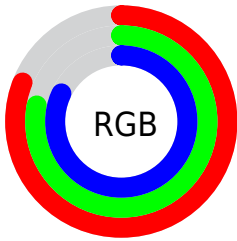
Format	Color
RYP	206, 199, 210
Decimal	13551570
CIELab	81.08, 4.44, -4.62
CIElCh	81, 6.407, 313.832
Yxy	58.6218, 0.3102, 0.3162
Android (android.graphics.Color)	4291741650 (0xFFCEC7D2)
YUV	202.3470, 3.7729, 3.2037
Hunter-Lab	76.5649, 0.0864, -0.0405

Details

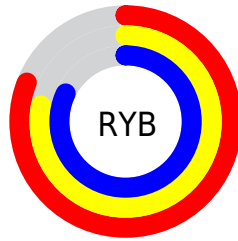
The Yxy color **58.6218, 0.3102, 0.3162** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.9224, 0.3151, 0.3419**, and the grayscale version is **59.2675, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **29.3265, 0.3094, 0.3120** is the 20% darker color. If you saturate the color by 10%, you get **48.5469, 0.3047, 0.2904**, and if you desaturate by 10%, it is **70.0889, 0.3148, 0.3402**.

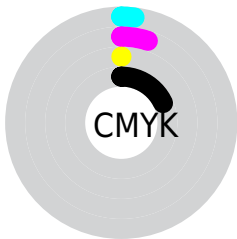
Distribution



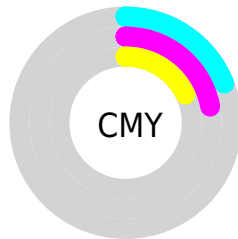
- Red (81%)
- Green (78%)
- Blue (82%)



- Red (81%)
- Yellow (78%)
- Blue (82%)



- Cyan (2%)
- Magenta (5%)
- Yellow (0%)
- Black (18%)



- Cyan (19%)
- Magenta (22%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.6218, 0.3102, 0.3162 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 58.6218, 0.3102, 0.3162 by changing the saturation by 10% instead.

■ 58.6218, 0.3102,
0.3162

■ 58.6218, 0.3102,
0.3162

419.4989, 0.3114,
0.3223

■ 42.3087, 0.3099,
0.3148

102.8278, 0.3106,
0.3184

■ 29.3431, 0.3095,
0.3129

131.4895, 0.3108,
0.3192

■ 19.3405, 0.3090,
0.3106

165.0363, 0.3110,
0.3199

■ 11.9166, 0.3083,
0.3075

203.8524, 0.3111,
0.3205

■ 6.6869, 0.3073,
0.3031

248.3223, 0.3112,
0.3210

■ 3.2671, 0.3058,
0.2964

298.8305, 0.3113,

■ 1.2727, 0.3030,

0.3215

0.2850

355.7612, 0.3114,
0.3219

0.1199, 0.2793,
0.1507

0.0000, 0.0000,
0.0000

58.6218, 0.3102,
0.3162

58.6218, 0.3102,
0.3162

48.5469, 0.3047,
0.2904

70.0889, 0.3148,
0.3402

39.8016, 0.2983,
0.2633

82.9925, 0.3186,
0.3622

32.3297, 0.2909,
0.2353

92.8303, 0.3224,
0.3755

26.0679, 0.2825,
0.2073

94.1192, 0.3273,
0.3748

■ 20.9474, 0.2734,
0.1806

■ 95.4645, 0.3323,
0.3741

■ 16.8924, 0.2637,
0.1562

■ 96.8669, 0.3374,
0.3733

■ 13.8173, 0.2537,
0.1355

■ 97.4337, 0.3394,
0.3730

■ 11.6233, 0.2439,
0.1194

■ 10.1894, 0.2346,
0.1084

Harmonies

Analogous

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



58.6218, 0.3026, 0.3149



58.6218, 0.3102, 0.3162



58.6218, 0.3186, 0.3208

Triad

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



58.6218, 0.3102, 0.3162



58.6218, 0.3279, 0.3406



58.6218, 0.3001, 0.3303

Complementary

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



58.6218, 0.3102, 0.3162



62.9224, 0.3151, 0.3419

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.



58.6218, 0.3068, 0.3374



58.6218, 0.3102, 0.3162



58.6218, 0.3228, 0.3434

Square

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



58.6218, 0.3102, 0.3162



58.6218, 0.3289, 0.3348



58.6218, 0.3151, 0.3423



58.6218, 0.2968, 0.3229

Rectangle

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



58.6218, 0.3102, 0.3162



58.6218, 0.3235, 0.3252



58.6218, 0.3151, 0.3423



58.6218, 0.3020, 0.3328

Sweetspot

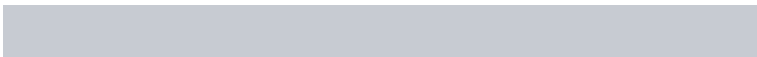
The Sweet Spot groups the original color and five complimentary colors.



58.6243, 0.3102, 0.3162



96.4377, 0.3118, 0.3241



59.5280, 0.3048, 0.3208



20.6790, 0.3118, 0.3244



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.



58.6243, 0.3102, 0.3162



89.5798, 0.3098, 0.3141



59.1338, 0.3144, 0.3180



12.4206, 0.3095, 0.3128



5.9560, 0.2316, 0.1050



0.3771, 0.2481, 0.1140

Inverse Universe

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



58.8658, 0.3184, 0.3244



90.0137, 0.3194, 0.3236



62.4341, 0.3111, 0.3402



12.4865, 0.3200, 0.3231



8.6994, 0.5501, 0.2804



0.5015, 0.4995, 0.2525

Previews

White Background



This preview shows how the Yxy color 58.6218, 0.3102, 0.3162 looks on a white background.

Color Contrast Check

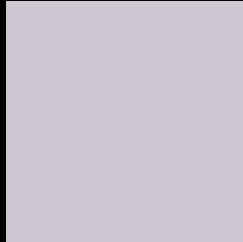
Large Text (above 18pt) WCAG AA × Fail

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 58.6218, 0.3102, 0.3162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

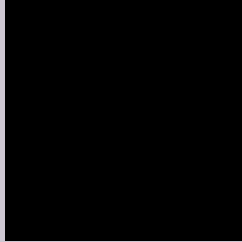
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

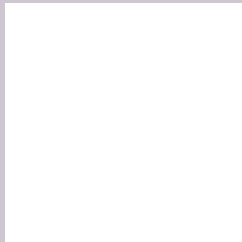
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.6218, 0.3102, 0.3162

Background



This preview shows how black text looks on a background with the Yxy color 58.6218, 0.3102, 0.3162.

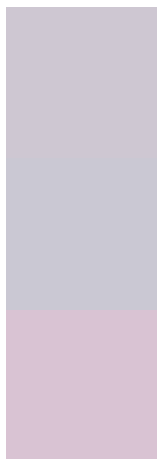


This preview shows how white text looks on a background with the Yxy color 58.6218, 0.3102, 0.3162.

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

58.6218, 0.3102, 0.3162

Protanopia

58.5683, 0.3064, 0.3161

Deuteranopia

58.4851, 0.3183, 0.3109



Tritanopia

58.5086, 0.3082, 0.3105

Trichromacy



Original Color

58.6218, 0.3102, 0.3162

Protanomaly

58.7082, 0.3072, 0.3161

Deuteranomaly

58.3291, 0.3151, 0.3118

Tritanomaly

58.4577, 0.3089, 0.3116

Monochromacy



Original Color

58.6218, 0.3102, 0.3162

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

58.8776, 0.3114, 0.3243

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.6218, 0.3102, 0.3162 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(206, 199, 210)` looks like.

```
.text, #text, p{  
    color:rgb(206, 199, 210)  
}
```

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(206, 199, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 199, 210) }
```

Border

The CSS property to change the border of an element to Yxy 58.6218, 0.3102, 0.3162 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(206, 199, 210) }
```

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

```
.border{ border-color:rgb(206, 199, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 199, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 199, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 199, 210);  
box-shadow:4px 4px 4px 4px rgb(206, 199,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 58.6218, 0.3102, 0.3162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 199, 210) }
```

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

```
.background{ background-color: rgb(206,  
199, 210) }
```

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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