

Converting Colors

$Y_{xy}(55.2601, 0.3061, 0.3030)$

Have a look what the booklet for
Yxy(55.2601, 0.3061, 0.3030)
contains.

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Color

Yxy(55.3917, 0.3060, 0.3033)

Conversions

Conversions Part 1

Format	Color
Hex	CCC0D6
RGB	204, 192, 214
RGB Percent	80%, 75%, 84%
CMY	0.2000, 0.2470, 0.1608
CMYK	0.05, 0.10, 0.00, 0.16
HSL	273°, 21%, 80%
HSV	273°, 10%, 84%
XYZ	55.8848, 55.3917, 71.3536
YIQ	198.0960, 0.0900, 9.3860

Conversions

Conversions Part 2

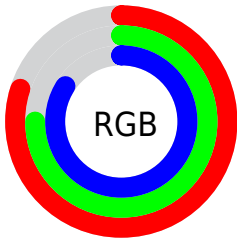
Format	Color
R_{YB}	204, 192, 214
Decimal	13418710
CIE _{Lab}	79.27, 8.25, -9.47
CIE _{LCh}	79, 12.556, 311.063
Yxy	55.3917, 0.3060, 0.3033
Android (android.graphics.Color)	4291608790 (0xFFCCC0D6)
YUV	198.0960, 7.8407, 5.1778
Hunter-Lab	74.4256, 3.7875, -4.7448

Details

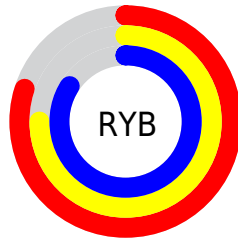
The Yxy color $55.3917, 0.3060, 0.3033$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $64.4492, 0.3189, 0.3548$, and the grayscale version is $56.4848, 0.3127, 0.3290$.

A 20% lighter version of the original color is $95.6148, 0.3130, 0.3223$, and $27.4525, 0.3046, 0.2979$ is the 20% darker color. If you saturate the color by 10%, you get $45.3369, 0.2983, 0.2764$, and if you desaturate by 10%, it is $66.9034, 0.3126, 0.3284$.

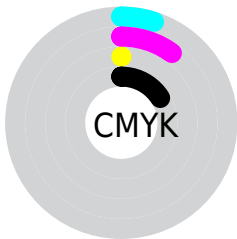
Distribution



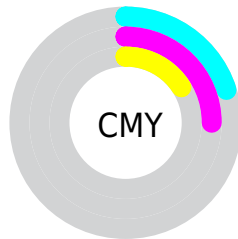
- Red (80%)
- Green (75%)
- Blue (84%)



- Red (80%)
- Yellow (75%)
- Blue (84%)



- Cyan (5%)
- Magenta (10%)
- Yellow (0%)
- Black (16%)



- Cyan (20%)
- Magenta (25%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.3917, 0.3060, 0.3033 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 55.3917, 0.3060, 0.3033 by changing the saturation by 10% instead.

■ 55.3917, 0.3060,
0.3033

■ 55.3917, 0.3060,
0.3033

407.3950, 0.3093,
0.3156

■ 39.7154, 0.3052,
0.3004

■ 98.1146, 0.3072,
0.3076

■ 27.3167, 0.3041,
0.2968

125.9300, 0.3077,
0.3093

■ 17.8112, 0.3027,
0.2921

158.5606, 0.3080,
0.3107

■ 10.8146, 0.3008,
0.2858

196.3908, 0.3084,
0.3120

■ 5.9423, 0.2980,
0.2769

239.8049, 0.3087,
0.3130

■ 2.8100, 0.2935,
0.2635

289.1874, 0.3089,

■ 1.0334, 0.2853,

0.3140

0.2411

344.9226, 0.3091,
0.3148

0.0000, 0.1780,
0.0000

0.0000, 0.0000,
0.0000

55.3917, 0.3060,
0.3033

55.3917, 0.3060,
0.3033

45.3369, 0.2983,
0.2764

66.9034, 0.3126,
0.3284

36.6716, 0.2894,
0.2479

79.9216, 0.3181,
0.3513

29.3337, 0.2794,
0.2188

93.7302, 0.3228,
0.3709

23.2534, 0.2683,
0.1899

95.4157, 0.3291,
0.3701

■ 18.3542, 0.2565,
0.1625

■ 97.1932, 0.3354,
0.3693

■ 14.5512, 0.2442,
0.1381

■ 97.6343, 0.3370,
0.3691

■ 11.7476, 0.2322,
0.1181

■ 9.8285, 0.2207,
0.1032

■ 8.6114, 0.2105,
0.0933

Harmonies

Analogous

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



55.3917, 0.2914, 0.3012



55.3917, 0.3060, 0.3033



55.3917, 0.3228, 0.3118

Triad

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



55.3917, 0.3060, 0.3033



55.3917, 0.3437, 0.3511



55.3917, 0.2887, 0.3328

Complementary

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



55.3917, 0.3060, 0.3033



64.4492, 0.3189, 0.3548

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.



55.3917, 0.3022, 0.3472



55.3917, 0.3060, 0.3033



55.3917, 0.3340, 0.3577

Square

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



55.3917, 0.3060, 0.3033



55.3917, 0.3449, 0.3389



55.3917, 0.3188, 0.3564



55.3917, 0.2816, 0.3177

Rectangle

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



55.3917, 0.3060, 0.3033



55.3917, 0.3330, 0.3200



55.3917, 0.3188, 0.3564



55.3917, 0.2926, 0.3379

Sweetspot

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



55.3941, 0.3060, 0.3033



94.5617, 0.3109, 0.3216



58.4278, 0.2969, 0.3150



19.9364, 0.3103, 0.3196



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.



55.3941, 0.3060, 0.3033



79.4614, 0.3047, 0.2984



56.8148, 0.3144, 0.3047



12.3389, 0.3066, 0.3055



5.2685, 0.2119, 0.0941



0.3667, 0.2299, 0.1040

Inverse Universe

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



56.2625, 0.3230, 0.3175



80.9785, 0.3251, 0.3153



63.1322, 0.3110, 0.3545



12.5138, 0.3221, 0.3184



9.1871, 0.5137, 0.2604



0.5707, 0.4719, 0.2373

Previews

White Background



This preview shows how the Yxy color 55.3917, 0.3060, 0.3033 looks on a white background.

Color Contrast Check

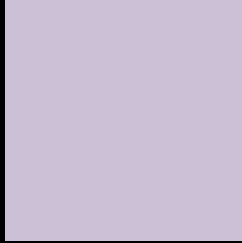
Large Text (above 18pt) WCAG AA × Fail

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 55.3917, 0.3060, 0.3033 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

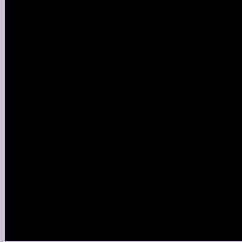
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.3917, 0.3060, 0.3033

Background



This preview shows how black text looks on a background with the Yxy color 55.3917, 0.3060, 0.3033.



This preview shows how white text looks on a background with the Yxy color 55.3917, 0.3060, 0.3033.

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

55.3917, 0.3060, 0.3033

Protanopia

55.4574, 0.2969, 0.3040

Deuteranopia

55.3820, 0.3084, 0.3023



Tritanopia

55.3905, 0.3096, 0.3113

Trichromacy



Original Color

55.3917, 0.3060, 0.3033

Protanomaly

55.4956, 0.3006, 0.3042

Deuteranomaly

55.2385, 0.3076, 0.3022

Tritanomaly

55.4896, 0.3081, 0.3090

Monochromacy



Original Color

55.3917, 0.3060, 0.3033

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.1188, 0.3100, 0.3195

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.3917, 0.3060, 0.3033 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, 192, 214)` looks like.

```
.text, #text, p{  
    color:rgb(204, 192, 214)  
}
```

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, 192, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 192, 214) }
```

Border

The CSS property to change the border of an element to Yxy 55.3917, 0.3060, 0.3033 is called "border". The border property can be set on classes, ids or directly on the HTML element.

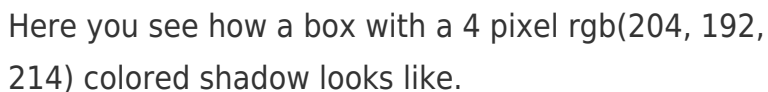
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(204, 192, 214) }
```

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

```
.border{ border-color:rgb(204, 192, 214) }
```

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



Here you see how a box with a 4 pixel `rgb(204, 192, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 192, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 192, 214);  
box-shadow:4px 4px 4px 4px rgb(204, 192,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 55.3917, 0.3060, 0.3033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 192, 214) }
```

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

```
.background{ background-color: rgb(204,  
192, 214) }
```

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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