

Converting Colors

Yxy(54.0201, 0.3057, 0.3009)

Have a look what the booklet for
Yxy(54.0201, 0.3057, 0.3009)
contains.

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Color

Yxy(53.8958, 0.3060, 0.3008)

Conversions

Conversions Part 1

Format	Color
Hex	CBBDD5
RGB	203, 189, 213
RGB Percent	80%, 74%, 84%
CMY	0.2041, 0.2588, 0.1648
CMYK	0.05, 0.11, 0.00, 0.16
HSL	275°, 22%, 79%
HSV	275°, 11%, 84%
XYZ	54.8275, 53.8958, 70.4516
YIQ	195.9220, 0.6400, 10.4320

Conversions

Conversions Part 2

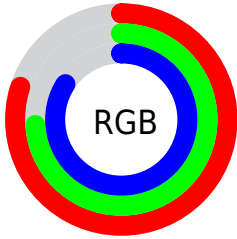
Format	Color
R _Y B	203, 189, 213
Decimal	13352405
CIE Lab	78.40, 9.32, -10.22
CIE LCh	78, 13.834, 312.351
Yxy	53.8958, 0.3060, 0.3008
Android (android.graphics.Color)	4291542485 (0xFFCBBDD5)
YUV	195.9220, 8.4195, 6.2074
Hunter-Lab	73.4138, 4.8349, -5.5081

Details

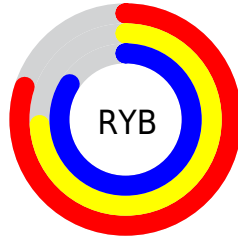
The Yxy color **53.8958, 0.3060, 0.3008** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.4014, 0.3188, 0.3575**, and the grayscale version is **55.0996, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.7848, 0.3132, 0.3194**, and **26.4665, 0.3046, 0.2946** is the 20% darker color. If you saturate the color by 10%, you get **44.1832, 0.2989, 0.2739**, and if you desaturate by 10%, it is **65.0303, 0.3120, 0.3260**.

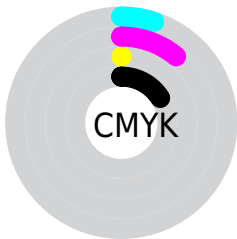
Distribution



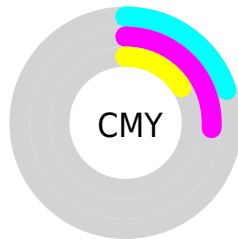
- Red (80%)
- Green (74%)
- Blue (84%)



- Red (80%)
- Yellow (74%)
- Blue (84%)



- Cyan (5%)
- Magenta (11%)
- Yellow (0%)
- Black (16%)




- Cyan (20%)
- Magenta (26%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.8958, 0.3060, 0.3008 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 53.8958, 0.3060, 0.3008 by changing the saturation by 10% instead.


 53.8958, 0.3060,
0.3008

 53.8958, 0.3060,
0.3008


401.7125, 0.3094,
0.3143

 38.5184, 0.3052,
0.2976


 95.9212, 0.3072,
0.3056

 26.3853, 0.3041,
0.2936


123.3380, 0.3077,
0.3074

 17.1121, 0.3026,
0.2884


155.5367, 0.3081,
0.3090

 10.3144, 0.3007,
0.2814

192.9017, 0.3084,
0.3103

 5.6079, 0.2977,
0.2716

235.8174, 0.3087,
0.3115

 2.6082, 0.2929,
0.2567

284.6682, 0.3090,

 0.9308, 0.2840,

0.3126

0.2316

339.8384, 0.3092,
0.3135

0.0000, 0.1019,
0.0000

0.0000, 0.0000,
0.0000

53.8958, 0.3060,
0.3008

53.8958, 0.3060,
0.3008

44.1832, 0.2989,
0.2739

65.0303, 0.3120,
0.3260

35.8259, 0.2907,
0.2456

77.6358, 0.3171,
0.3492

28.7624, 0.2814,
0.2169

91.7675, 0.3213,
0.3702

22.9235, 0.2712,
0.1887

94.5996, 0.3268,
0.3715

■ 18.2334, 0.2603,
0.1622

■ 96.1837, 0.3326,
0.3707

■ 14.6073, 0.2490,
0.1389

■ 97.5832, 0.3376,
0.3701

■ 11.9488, 0.2378,
0.1199

■ 10.1424, 0.2271,
0.1061

■ 9.0859, 0.2184,
0.0977

Harmonies

Analogous

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



53.8958, 0.2896, 0.2981



53.8958, 0.3060, 0.3008



53.8958, 0.3247, 0.3105

Triad

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



53.8958, 0.3060, 0.3008



53.8958, 0.3469, 0.3539



53.8958, 0.2855, 0.3324

Complementary

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



53.8958, 0.3060, 0.3008



63.4014, 0.3188, 0.3575

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.



53.8958, 0.3002, 0.3487



53.8958, 0.3060, 0.3008



53.8958, 0.3358, 0.3611

Square

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



53.8958, 0.3060, 0.3008



53.8958, 0.3487, 0.3406



53.8958, 0.3186, 0.3593



53.8958, 0.2780, 0.3157

Rectangle

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



53.8958, 0.3060, 0.3008



53.8958, 0.3359, 0.3197



53.8958, 0.3186, 0.3593



53.8958, 0.2898, 0.3382

Sweetspot

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



53.8981, 0.3060, 0.3008



94.6144, 0.3110, 0.3216



56.6568, 0.2953, 0.3126



19.9506, 0.3106, 0.3197



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.



53.8981, 0.3060, 0.3008



76.5789, 0.3041, 0.2932



55.2690, 0.3152, 0.3033



12.3621, 0.3072, 0.3055



5.6123, 0.2198, 0.0984



0.3866, 0.2369, 0.1078

Inverse Universe

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



54.6717, 0.3248, 0.3173



78.0329, 0.3283, 0.3142



62.1456, 0.3103, 0.3561



12.5061, 0.3226, 0.3193



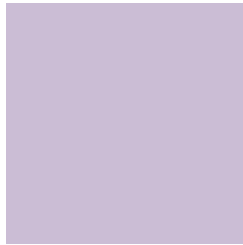
9.1013, 0.5291, 0.2688



0.5652, 0.4846, 0.2443

Previews

White Background



This preview shows how the Yxy color 53.8958, 0.3060, 0.3008 looks on a white background.

Color Contrast Check

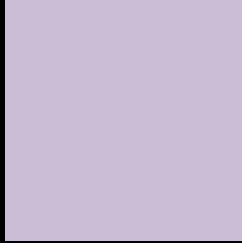
Large Text (above 18pt) WCAG AA × Fail

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 53.8958, 0.3060, 0.3008 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

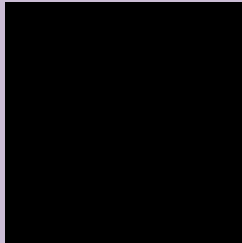
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.8958, 0.3060, 0.3008

Background



This preview shows how black text looks on a background with the Yxy color 53.8958, 0.3060, 0.3008.



This preview shows how white text looks on a background with the Yxy color 53.8958, 0.3060, 0.3008.

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

53.8958, 0.3060, 0.3008

Protanopia

54.1226, 0.2953, 0.3025

Deuteranopia

54.0367, 0.3068, 0.3008



Tritanopia

53.7912, 0.3111, 0.3111

Trichromacy



Original Color

53.8958, 0.3060, 0.3008

Protanomaly

54.1564, 0.2990, 0.3027

Deuteranomaly

54.0367, 0.3068, 0.3008

Tritanomaly

53.9375, 0.3089, 0.3076

Monochromacy



Original Color

53.8958, 0.3060, 0.3008

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.5463, 0.3108, 0.3182

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.8958, 0.3060, 0.3008 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(203, 189, 213)` looks like.

```
.text, #text, p{  
    color:rgb(203, 189, 213)  
}
```

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(203, 189, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 189, 213) }
```

Border

The CSS property to change the border of an element to Yxy 53.8958, 0.3060, 0.3008 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(203, 189, 213) }
```

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

```
.border{ border-color:rgb(203, 189, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 189, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 189, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 189, 213);  
box-shadow:4px 4px 4px 4px rgb(203, 189,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 53.8958, 0.3060, 0.3008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 189, 213) }
```

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

```
.background{ background-color: rgb(203,  
189, 213) }
```

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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