

Converting Colors

Yxy(53.4216, 0.3074, 0.3154)

Have a look what the booklet for
Yxy(53.4216, 0.3074, 0.3154)
contains.

Yxy(53.6132, 0.3069, 0.3157)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(53.6132, 0.3069, 0.3157)

Conversions

Conversions Part 1

Format	Color
Hex	C3C0CB
RGB	195, 192, 203
RGB Percent	76%, 75%, 80%
CMY	0.2356, 0.2469, 0.2040
CMYK	0.04, 0.05, 0.00, 0.20
HSL	256°, 10%, 77%
HSV	256°, 5%, 80%
XYZ	52.1188, 53.6132, 64.0913
YIQ	194.1510, -1.7430, 4.0570

Conversions

Conversions Part 2

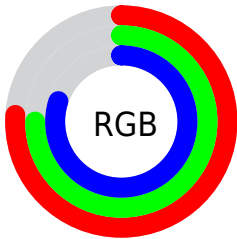
Format	Color
R _Y B	195, 192, 203
Decimal	12828875
CIE Lab	78.24, 3.06, -5.14
CIE LCh	78, 5.981, 300.788
Yxy	53.6132, 0.3069, 0.3157
Android (android.graphics.Color)	4291018955 (0xFFC3C0CB)
YUV	194.1510, 4.3626, 0.7446
Hunter-Lab	73.2210, -1.0805, -0.6426

Details

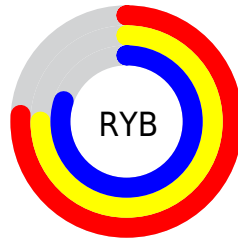
The Yxy color **53.6132, 0.3069, 0.3157** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.8036, 0.3183, 0.3421**, and the grayscale version is **54.0123, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.0503, 0.3111, 0.3223**, and **26.2979, 0.3049, 0.3127** is the 20% darker color. If you saturate the color by 10%, you get **43.4163, 0.2948, 0.2890**, and if you desaturate by 10%, it is **65.2430, 0.3173, 0.3397**.

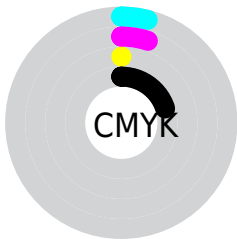
Distribution



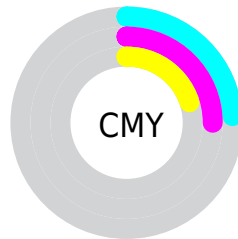
- Red (76%)
- Green (75%)
- Blue (80%)



- Red (76%)
- Yellow (75%)
- Blue (80%)



- Cyan (4%)
- Magenta (5%)
- Yellow (0%)
- Black (20%)



- Cyan (24%)
- Magenta (25%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.6132, 0.3069, 0.3157 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 53.6132, 0.3069, 0.3157 by changing the saturation by 10% instead.

■ 53.6132, 0.3069,
0.3157

■ 53.6132, 0.3069,
0.3157

400.6333, 0.3098,
0.3222

■ 38.2925, 0.3062,
0.3141

■ 95.5061, 0.3079,
0.3180

■ 26.2098, 0.3053,
0.3122

122.8471, 0.3083,
0.3189

■ 16.9807, 0.3041,
0.3096

154.9636, 0.3086,
0.3196

■ 10.2207, 0.3025,
0.3061

192.2401, 0.3089,
0.3203

■ 5.5455, 0.3002,
0.3011

235.0609, 0.3092,
0.3208

■ 2.5708, 0.2965,
0.2933

283.8104, 0.3094,

■ 0.9120, 0.2897,

0.3213

0.2795

338.8731, 0.3096,
0.3218

0.0000, 0.0000,
0.0000

53.6132, 0.3069,
0.3157

53.6132, 0.3069,
0.3157

43.4163, 0.2948,
0.2890

65.2430, 0.3173,
0.3397

34.5896, 0.2811,
0.2596

78.3515, 0.3262,
0.3610

27.0759, 0.2656,
0.2282

92.9911, 0.3338,
0.3798

20.8113, 0.2488,
0.1956

97.0257, 0.3434,
0.3801

15.7263, 0.2311,
0.1632

97.0911, 0.3436,
0.3800

■ 11.7447, 0.2133,
0.1329

■ 8.7809, 0.1965,
0.1067

■ 6.7363, 0.1818,
0.0864

■ 5.4913, 0.1700,
0.0731

Harmonies

Analogous

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



53.6132, 0.3005, 0.3160



53.6132, 0.3069, 0.3157



53.6132, 0.3149, 0.3189

Triad

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



53.6132, 0.3069, 0.3157



53.6132, 0.3283, 0.3380



53.6132, 0.3031, 0.3334

Complementary

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



53.6132, 0.3069, 0.3157



58.8036, 0.3183, 0.3421

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.



53.6132, 0.3104, 0.3395



53.6132, 0.3069, 0.3157



53.6132, 0.3250, 0.3421

Square

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



53.6132, 0.3069, 0.3157



53.6132, 0.3273, 0.3316



53.6132, 0.3184, 0.3427



53.6132, 0.2983, 0.3261

Rectangle

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



53.6132, 0.3069, 0.3157



53.6132, 0.3201, 0.3225



53.6132, 0.3184, 0.3427



53.6132, 0.3053, 0.3356

Sweetspot

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



53.6155, 0.3069, 0.3157



96.0844, 0.3106, 0.3241



56.9441, 0.3045, 0.3257



20.6070, 0.3107, 0.3243



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.



53.6155, 0.3069, 0.3157



88.5511, 0.3061, 0.3140



54.3366, 0.3111, 0.3159



11.6461, 0.3056, 0.3127



3.2755, 0.1667, 0.0692



0.2068, 0.1879, 0.0809

Inverse Universe

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



54.5809, 0.3155, 0.3194



90.3659, 0.3159, 0.3182



58.0832, 0.3142, 0.3423



11.9063, 0.3161, 0.3173



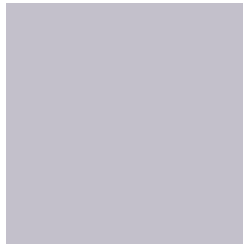
9.4835, 0.4007, 0.1981



0.5013, 0.3817, 0.1877

Previews

White Background



This preview shows how the Yxy color 53.6132, 0.3069, 0.3157 looks on a white background.

Color Contrast Check

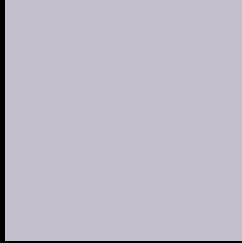
Large Text (above 18pt) WCAG AA × Fail

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 53.6132, 0.3069, 0.3157 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

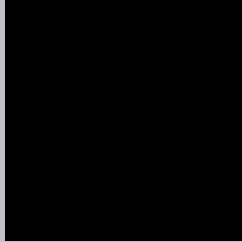
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

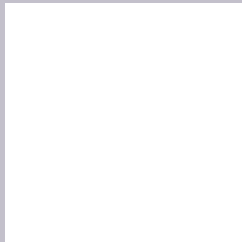
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.6132, 0.3069, 0.3157

Background



This preview shows how black text looks on a background with the Yxy color 53.6132, 0.3069, 0.3157.

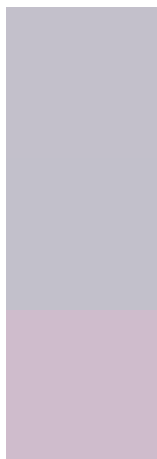


This preview shows how white text looks on a background with the Yxy color 53.6132, 0.3069, 0.3157.

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

53.6132, 0.3069, 0.3157

Protanopia

53.4804, 0.3062, 0.3156

Deuteranopia

53.5915, 0.3161, 0.3101



Tritanopia

53.3687, 0.3040, 0.3097

Trichromacy



Original Color

53.6132, 0.3069, 0.3157

Protanomaly

53.4804, 0.3062, 0.3156

Deuteranomaly

53.4513, 0.3127, 0.3111

Tritanomaly

53.3199, 0.3048, 0.3109

Monochromacy



Original Color

53.6132, 0.3069, 0.3157

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.6405, 0.3105, 0.3241

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.6132, 0.3069, 0.3157 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(195, 192, 203)` looks like.

```
.text, #text, p{  
    color:rgb(195, 192, 203)  
}
```

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(195, 192, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 192, 203) }
```

Border

The CSS property to change the border of an element to Yxy 53.6132, 0.3069, 0.3157 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(195, 192, 203) }
```

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

```
.border{ border-color:rgb(195, 192, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 192, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 192, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 192, 203);  
box-shadow:4px 4px 4px 4px rgb(195, 192,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 53.6132, 0.3069, 0.3157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 192, 203) }
```

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

```
.background{ background-color: rgb(195,  
192, 203) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor