

Converting Colors

Yxy(53.6386, 0.3159, 0.3136)

Have a look what the booklet for
Yxy(53.6386, 0.3159, 0.3136)
contains.

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Color

Yxy(53.6386, 0.3159, 0.3136)

Conversions

Conversions Part 1

Format	Color
Hex	CDBDCA
RGB	205, 189, 202
RGB Percent	80%, 74%, 79%
CMY	0.1961, 0.2588, 0.2079
CMYK	0.00, 0.08, 0.01, 0.20
HSL	311°, 14%, 77%
HSV	311°, 8%, 80%
XYZ	54.0320, 53.6386, 63.3709
YIQ	195.2660, 5.3630, 7.4350

Conversions

Conversions Part 2

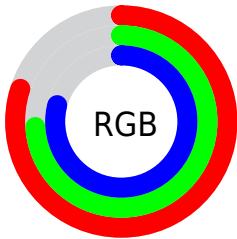
Format	Color
R _Y B	205, 189, 202
Decimal	13483466
CIE Lab	78.25, 7.95, -4.48
CIE LCh	78, 9.122, 330.570
Yxy	53.6386, 0.3159, 0.3136
Android (android.graphics.Color)	4291673546 (0xFFCDBDCA)
YUV	195.2660, 3.3199, 8.5367
Hunter-Lab	73.2384, 3.5221, -0.0349

Details

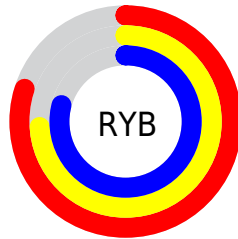
The Yxy color $53.6386, 0.3159, 0.3136$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $58.2869, 0.3097, 0.3449$, and the grayscale version is $54.7178, 0.3127, 0.3290$.

A 20% lighter version of the original color is $93.7848, 0.3132, 0.3194$, and $26.3257, 0.3169, 0.3100$ is the 20% darker color. If you saturate the color by 10%, you get $45.2549, 0.3205, 0.2932$, and if you desaturate by 10%, it is $63.2780, 0.3119, 0.3332$.

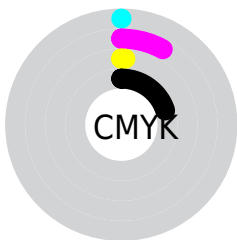
Distribution



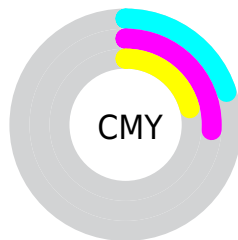
- Red (80%)
- Green (74%)
- Blue (79%)



- Red (80%)
- Yellow (74%)
- Blue (79%)



- Cyan (0%)
- Magenta (8%)
- Yellow (1%)
- Black (20%)





- Cyan (20%)
- Magenta (26%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.6386, 0.3159, 0.3136 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 53.6386, 0.3159, 0.3136 by changing the saturation by 10% instead.

 53.6386, 0.3159,
0.3136

 53.6386, 0.3159,
0.3136


400.7304, 0.3144,
0.3210

 38.3128, 0.3163,
0.3118


 95.5434, 0.3154,
0.3162

 26.2256, 0.3167,
0.3096


122.8912, 0.3152,
0.3173

 16.9925, 0.3173,
0.3066

155.0151, 0.3150,
0.3181

 10.2291, 0.3180,
0.3027

192.2996, 0.3148,
0.3189

 5.5511, 0.3191,
0.2970

235.1289, 0.3147,
0.3195

 2.5741, 0.3207,
0.2883

283.8876, 0.3146,

 0.9137, 0.3233,

0.3201

0.2731

338.9599, 0.3145,
0.3206

0.0000, 0.0879,
0.0000

0.0000, 0.0000,
0.0000

53.6386, 0.3159,
0.3136

53.6386, 0.3159,
0.3136

45.2549, 0.3205,
0.2932

63.2780, 0.3119,
0.3332

38.0679, 0.3258,
0.2724

74.2151, 0.3084,
0.3518

32.0243, 0.3318,
0.2520

86.4986, 0.3055,
0.3691

27.0639, 0.3383,
0.2327

89.5308, 0.3033,
0.3694

■ 23.1210, 0.3453,
0.2155

■ 89.7348, 0.3012,
0.3651

■ 20.1230, 0.3526,
0.2014

■ 89.9434, 0.2991,
0.3608

■ 17.9873, 0.3600,
0.1912

■ 90.1569, 0.2970,
0.3566

■ 16.6175, 0.3672,
0.1856

■ 90.3752, 0.2949,
0.3524

■ 15.8743, 0.3741,
0.1843

■ 90.5982, 0.2928,
0.3482

Harmonies

Analogous

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



53.6386, 0.3037, 0.3088



53.6386, 0.3159, 0.3136



53.6386, 0.3274, 0.3223

Triad

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



53.6386, 0.3159, 0.3136



53.6386, 0.3315, 0.3490



53.6386, 0.2909, 0.3246

Complementary

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



53.6386, 0.3159, 0.3136



58.2869, 0.3097, 0.3449

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.



53.6386, 0.2981, 0.3357



53.6386, 0.3159, 0.3136



53.6386, 0.3214, 0.3501

Square

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



53.6386, 0.3159, 0.3136



53.6386, 0.3365, 0.3426



53.6386, 0.3092, 0.3452



53.6386, 0.2895, 0.3149

Rectangle

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



53.6386, 0.3159, 0.3136



53.6386, 0.3331, 0.3292



53.6386, 0.3092, 0.3452



53.6386, 0.2927, 0.3283

Sweetspot

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



53.6409, 0.3159, 0.3136



96.7273, 0.3135, 0.3251



52.0052, 0.3031, 0.3095



20.7379, 0.3135, 0.3253



0.0000, 0.0000, 0.0000



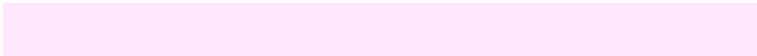
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



53.6409, 0.3159, 0.3136



85.9459, 0.3165, 0.3110



53.2757, 0.3220, 0.3230



11.3661, 0.3166, 0.3104



9.8156, 0.3747, 0.1838



0.5160, 0.3623, 0.1770

Inverse Universe

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



53.6409, 0.3159, 0.3136



85.9459, 0.3165, 0.3110



58.6471, 0.3042, 0.3351



11.3661, 0.3166, 0.3104



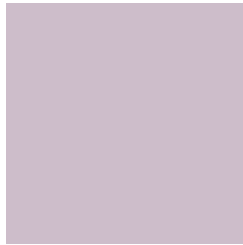
9.8156, 0.3747, 0.1838



0.5160, 0.3623, 0.1770

Previews

White Background



This preview shows how the Yxy color 53.6386, 0.3159, 0.3136 looks on a white background.

Color Contrast Check

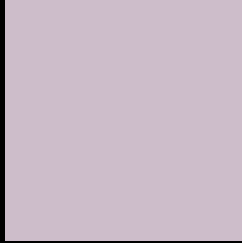
Large Text (above 18pt) WCAG AA × Fail

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 53.6386, 0.3159, 0.3136 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

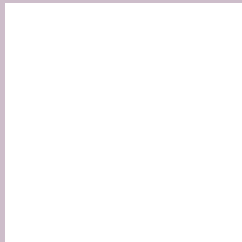
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.6386, 0.3159, 0.3136

Background



This preview shows how black text looks on a background with the Yxy color 53.6386, 0.3159, 0.3136.



This preview shows how white text looks on a background with the Yxy color 53.6386, 0.3159, 0.3136.

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

53.6386, 0.3159, 0.3136

Protanopia

53.5282, 0.3054, 0.3144

Deuteranopia

53.6406, 0.3184, 0.3125



Tritanopia

53.7340, 0.3144, 0.3112

Trichromacy



Original Color

53.6386, 0.3159, 0.3136

Protanomaly

53.5792, 0.3094, 0.3145

Deuteranomaly

53.4961, 0.3176, 0.3125

Tritanomaly

53.6861, 0.3151, 0.3124

Monochromacy



Original Color

53.6386, 0.3159, 0.3136

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.3593, 0.3138, 0.3230

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.6386, 0.3159, 0.3136 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(205, 189, 202)` looks like.

```
.text, #text, p{  
    color:rgb(205, 189, 202)  
}
```

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(205, 189, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 189, 202) }
```

Border

The CSS property to change the border of an element to Yxy 53.6386, 0.3159, 0.3136 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(205, 189, 202) }
```

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

```
.border{ border-color:rgb(205, 189, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 189, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(205, 189, 202); -webkit-box-shadow:4px 4px 4px 4px rgb(205, 189, 202); box-shadow:4px 4px 4px 4px rgb(205, 189, 202) }
```


Background

The CSS property to change the background color of an element to Yxy 53.6386, 0.3159, 0.3136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 189, 202) }
```

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

```
.background{ background-color: rgb(205,  
189, 202) }
```

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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