

Converting Colors

$Y_{xy}(53.7578, 0.3157, 0.3173)$

Have a look what the booklet for
Yxy(53.7578, 0.3157, 0.3173)
contains.

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Color

Yxy(53.6936, 0.3157, 0.3171)

Conversions

Conversions Part 1

Format	Color
Hex	CBBEC8
RGB	203, 190, 200
RGB Percent	80%, 75%, 78%
CMY	0.2041, 0.2548, 0.2158
CMYK	0.00, 0.06, 0.01, 0.20
HSL	314°, 11%, 77%
HSV	314°, 6%, 80%
XYZ	53.4565, 53.6936, 62.1769
YIQ	195.0270, 4.5380, 5.8660

Conversions

Conversions Part 2

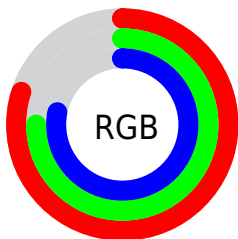
Format	Color
RYB	203, 190, 200
Decimal	13352648
CIELab	78.28, 6.33, -3.37
CIELCh	78, 7.173, 331.962
Yxy	53.6936, 0.3157, 0.3171
Android (android.graphics.Color)	4291542728 (0xFFCBBEC8)
YUV	195.0270, 2.4517, 6.9923
Hunter-Lab	73.2759, 1.9872, 0.9837

Details

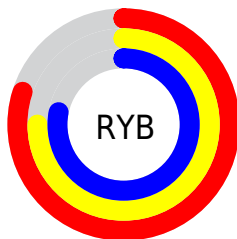
The Yxy color **53.6936, 0.3157, 0.3171** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.4919, 0.3099, 0.3412**, and the grayscale version is **54.5710, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.3915, 0.3131, 0.3204**, and **26.3562, 0.3167, 0.3146** is the 20% darker color. If you saturate the color by 10%, you get **45.2913, 0.3210, 0.2978**, and if you desaturate by 10%, it is **63.3315, 0.3111, 0.3356**.

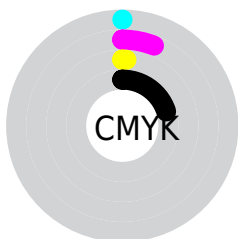
Distribution



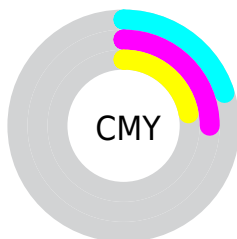
- Red (80%)
- Green (75%)
- Blue (78%)



- Red (80%)
- Yellow (75%)
- Blue (78%)



- Cyan (0%)
- Magenta (6%)
- Yellow (1%)
- Black (20%)





- Cyan (20%)
- Magenta (25%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.6936, 0.3157, 0.3171 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 53.6936, 0.3157, 0.3171 by changing the saturation by 10% instead.


 53.6936, 0.3157,
0.3171

 53.6936, 0.3157,
0.3171


400.9405, 0.3143,
0.3229

 38.3568, 0.3160,
0.3157


 95.6242, 0.3152,
0.3192

 26.2597, 0.3165,
0.3140


122.9868, 0.3150,
0.3199

 17.0180, 0.3170,
0.3117


155.1267, 0.3148,
0.3206

 10.2473, 0.3178,
0.3086

192.4284, 0.3147,
0.3212

 5.5633, 0.3188,
0.3042

235.2762, 0.3146,
0.3217

 2.5814, 0.3204,
0.2973

284.0546, 0.3145,

 0.9173, 0.3232,

0.3221

0.2851

339.1479, 0.3144,
0.3225

0.0000, 0.0000,
0.0000

53.6936, 0.3157,
0.3171

53.6936, 0.3157,
0.3171

45.2913, 0.3210,
0.2978

63.3315, 0.3111,
0.3356

38.0673, 0.3271,
0.2780

74.2454, 0.3073,
0.3530

31.9701, 0.3341,
0.2584

86.4826, 0.3040,
0.3692

26.9416, 0.3419,
0.2396

89.3075, 0.3014,
0.3681

22.9187, 0.3504,
0.2228

89.5565, 0.2989,
0.3629

■ 19.8314, 0.3594,
0.2087

■ 89.8125, 0.2963,
0.3578

■ 17.6008, 0.3686,
0.1986

■ 90.0755, 0.2938,
0.3527

■ 16.1351, 0.3778,
0.1929

■ 90.3456, 0.2913,
0.3476

■ 15.3167, 0.3866,
0.1919

■ 90.6228, 0.2889,
0.3426

Harmonies

Analogous

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



53.6936, 0.3061, 0.3132



53.6936, 0.3157, 0.3171



53.6936, 0.3246, 0.3241

Triad

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



53.6936, 0.3157, 0.3171



53.6936, 0.3272, 0.3449



53.6936, 0.2954, 0.3252

Complementary

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



53.6936, 0.3157, 0.3171



57.4919, 0.3099, 0.3412

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.



53.6936, 0.3009, 0.3339



53.6936, 0.3157, 0.3171



53.6936, 0.3192, 0.3454

Square

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



53.6936, 0.3157, 0.3171



53.6936, 0.3313, 0.3400



53.6936, 0.3096, 0.3414



53.6936, 0.2945, 0.3177

Rectangle

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



53.6936, 0.3157, 0.3171



53.6936, 0.3289, 0.3296



53.6936, 0.3096, 0.3414



53.6936, 0.2968, 0.3281

Sweetspot

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



53.6959, 0.3157, 0.3171



96.7137, 0.3136, 0.3253



52.4603, 0.3053, 0.3132



20.7351, 0.3136, 0.3254



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.



53.6959, 0.3157, 0.3171



87.3691, 0.3166, 0.3138



53.4077, 0.3205, 0.3246



11.3578, 0.3172, 0.3113



9.6279, 0.3887, 0.1915



0.5078, 0.3728, 0.1827

Inverse Universe

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



53.6959, 0.3157, 0.3171



87.3691, 0.3166, 0.3138



57.7788, 0.3055, 0.3334



11.3578, 0.3172, 0.3113



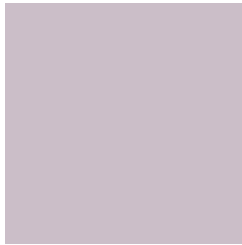
9.6279, 0.3887, 0.1915



0.5078, 0.3728, 0.1827

Previews

White Background



This preview shows how the Yxy color 53.6936, 0.3157, 0.3171 looks on a white background.

Color Contrast Check

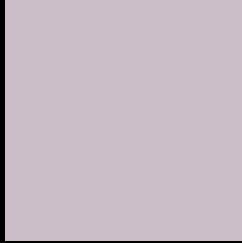
Large Text (above 18pt) WCAG AA × Fail

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 53.6936, 0.3157, 0.3171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

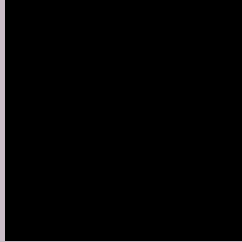
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.6936, 0.3157, 0.3171

Background



This preview shows how black text looks on a background with the Yxy color 53.6936, 0.3157, 0.3171.



This preview shows how white text looks on a background with the Yxy color 53.6936, 0.3157, 0.3171.

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

53.6936, 0.3157, 0.3171

Protanopia

53.9591, 0.3084, 0.3193

Deuteranopia

53.6919, 0.3208, 0.3149



Tritanopia

53.5922, 0.3136, 0.3112

Trichromacy



Original Color

53.6936, 0.3157, 0.3171

Protanomaly

53.9221, 0.3108, 0.3181

Deuteranomaly

53.8307, 0.3191, 0.3160

Tritanomaly

53.5444, 0.3143, 0.3124

Monochromacy



Original Color

53.6936, 0.3157, 0.3171

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.1769, 0.3137, 0.3242

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.6936, 0.3157, 0.3171 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, 190, 200)` looks like.

```
.text, #text, p{  
    color:rgb(203, 190, 200)  
}
```

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, 190, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 190, 200) }
```

Border

The CSS property to change the border of an element to Yxy 53.6936, 0.3157, 0.3171 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, 190, 200) }
```

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

```
.border{ border-color:rgb(203, 190, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 190, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 190, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 190, 200);  
box-shadow:4px 4px 4px 4px rgb(203, 190,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 53.6936, 0.3157, 0.3171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 190, 200) }
```

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

```
.background{ background-color: rgb(203,  
190, 200) }
```

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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