

Converting Colors

Yxy(53.7097, 0.3066, 0.3064)

Have a look what the booklet for
Yxy(53.7097, 0.3066, 0.3064)
contains.

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Color

Yxy(53.7097, 0.3066, 0.3064)

Conversions

Conversions Part 1

Format	Color
Hex	C8BED1
RGB	200, 190, 209
RGB Percent	78%, 75%, 82%
CMY	0.2156, 0.2549, 0.1805
CMYK	0.04, 0.09, 0.00, 0.18
HSL	272°, 17%, 78%
HSV	272°, 9%, 82%
XYZ	53.7448, 53.7097, 67.8383
YIQ	195.1560, -0.1390, 8.0290

Conversions

Conversions Part 2

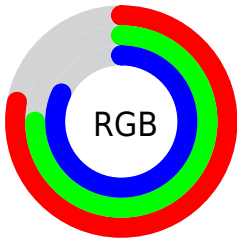
Format	Color
R _Y B	200, 190, 209
Decimal	13156049
CIE Lab	78.29, 7.03, -8.25
CIE LCh	78, 10.836, 310.452
Yxy	53.7097, 0.3066, 0.3064
Android (android.graphics.Color)	4291346129 (0xFFC8BED1)
YUV	195.1560, 6.8251, 4.2482
Hunter-Lab	73.2869, 2.6504, -3.5812

Details

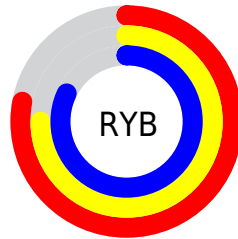
The Yxy color $53.7097, 0.3066, 0.3064$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $61.4398, 0.3184, 0.3517$, and the grayscale version is $54.6323, 0.3127, 0.3290$.

A 20% lighter version of the original color is $94.3915, 0.3131, 0.3204$, and $26.3689, 0.3044, 0.3004$ is the 20% darker color. If you saturate the color by 10%, you get $43.9864, 0.2988, 0.2796$, and if you desaturate by 10%, it is $64.8228, 0.3133, 0.3312$.

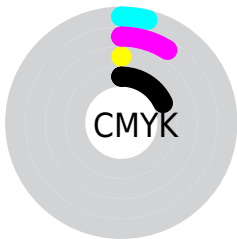
Distribution



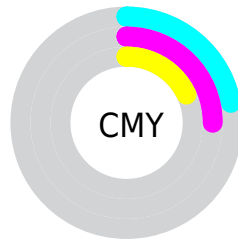
- Red (78%)
- Green (75%)
- Blue (82%)



- Red (78%)
- Yellow (75%)
- Blue (82%)



- Cyan (4%)
- Magenta (9%)
- Yellow (0%)
- Black (18%)



- Cyan (22%)
- Magenta (25%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.7097, 0.3066, 0.3064 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 53.7097, 0.3066, 0.3064 by changing the saturation by 10% instead.

■ 53.7097, 0.3066,
0.3064

■ 53.7097, 0.3066,
0.3064

401.0020, 0.3096,
0.3173

■ 38.3696, 0.3058,
0.3038

■ 95.6479, 0.3077,
0.3103

■ 26.2697, 0.3049,
0.3005

123.0148, 0.3081,
0.3117

■ 17.0255, 0.3036,
0.2963

155.1594, 0.3085,
0.3130

■ 10.2527, 0.3018,
0.2906

192.4661, 0.3088,
0.3141

■ 5.5668, 0.2992,
0.2825

235.3193, 0.3090,
0.3150

■ 2.5835, 0.2950,
0.2700

284.1035, 0.3093,

■ 0.9184, 0.2872,

0.3159

0.2486

339.2029, 0.3095,
0.3166

0.0000, 0.0000,
0.0000

53.7097, 0.3066,
0.3064

53.7097, 0.3066,
0.3064

43.9864, 0.2988,
0.2796

64.8228, 0.3133,
0.3312

35.5895, 0.2897,
0.2513

77.3721, 0.3189,
0.3538

28.4606, 0.2794,
0.2220

91.4102, 0.3236,
0.3743

22.5344, 0.2681,
0.1928

94.5467, 0.3297,
0.3756

17.7394, 0.2559,
0.1650

96.3118, 0.3362,
0.3746

■ 13.9964, 0.2433,
0.1399

■ 97.3822, 0.3400,
0.3741

■ 11.2154, 0.2308,
0.1189

■ 9.2907, 0.2190,
0.1031

■ 8.0494, 0.2082,
0.0924

Harmonies

Analogous

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



53.7097, 0.2939, 0.3047



53.7097, 0.3066, 0.3064



53.7097, 0.3213, 0.3138

Triad

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



53.7097, 0.3066, 0.3064



53.7097, 0.3398, 0.3481



53.7097, 0.2919, 0.3326

Complementary

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



53.7097, 0.3066, 0.3064



61.4398, 0.3184, 0.3517

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.



53.7097, 0.3038, 0.3450



53.7097, 0.3066, 0.3064



53.7097, 0.3316, 0.3540

Square

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



53.7097, 0.3066, 0.3064



53.7097, 0.3407, 0.3375



53.7097, 0.3183, 0.3529



53.7097, 0.2855, 0.3195

Rectangle

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



53.7097, 0.3066, 0.3064



53.7097, 0.3301, 0.3210



53.7097, 0.3183, 0.3529



53.7097, 0.2954, 0.3370

Sweetspot

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



53.7120, 0.3066, 0.3064



94.5385, 0.3108, 0.3216



56.4741, 0.2988, 0.3171



19.9301, 0.3102, 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.



53.7120, 0.3066, 0.3064



80.9694, 0.3051, 0.3011



54.9642, 0.3140, 0.3073



11.7209, 0.3064, 0.3056



4.9616, 0.2087, 0.0923



0.3245, 0.2282, 0.1031

Inverse Universe

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



54.4984, 0.3214, 0.3185



82.4721, 0.3236, 0.3160



60.2666, 0.3114, 0.3517



11.8997, 0.3218, 0.3181



8.9269, 0.5066, 0.2564



0.5151, 0.4637, 0.2328

Previews

White Background



This preview shows how the Yxy color 53.7097, 0.3066, 0.3064 looks on a white background.

Color Contrast Check

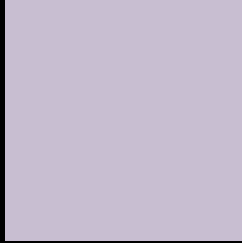
Large Text (above 18pt) WCAG AA × Fail

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 53.7097, 0.3066, 0.3064 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

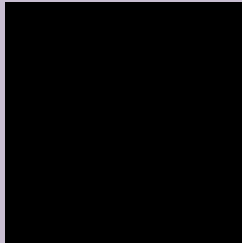
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

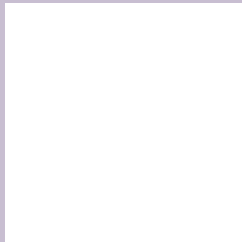
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.7097, 0.3066, 0.3064

Background



This preview shows how black text looks on a background with the Yxy color 53.7097, 0.3066, 0.3064.



This preview shows how white text looks on a background with the Yxy color 53.7097, 0.3066, 0.3064.

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

53.7097, 0.3066, 0.3064

Protanopia

53.5589, 0.2995, 0.3072

Deuteranopia

53.5490, 0.3106, 0.3043



Tritanopia

53.9972, 0.3087, 0.3111

Trichromacy



Original Color

53.7097, 0.3066, 0.3064

Protanomaly

53.5168, 0.3019, 0.3061

Deuteranomaly

53.6952, 0.3090, 0.3053

Tritanomaly

54.0460, 0.3080, 0.3099

Monochromacy



Original Color

53.7097, 0.3066, 0.3064

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.1804, 0.3107, 0.3205

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.7097, 0.3066, 0.3064 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(200, 190, 209)` looks like.

```
.text, #text, p{  
    color:rgb(200, 190, 209)  
}
```

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(200, 190, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 190, 209) }
```

Border

The CSS property to change the border of an element to Yxy 53.7097, 0.3066, 0.3064 is called "border". The border property can be set on classes, ids or directly on the HTML element.

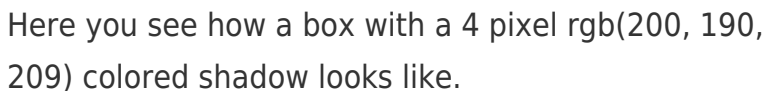
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(200, 190, 209) }
```

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

```
.border{ border-color:rgb(200, 190, 209) }
```

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



Here you see how a box with a 4 pixel `rgb(200, 190, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(200, 190, 209); -webkit-box-shadow:4px 4px 4px 4px rgb(200, 190, 209); box-shadow:4px 4px 4px 4px rgb(200, 190, 209) }
```


Background

The CSS property to change the background color of an element to Yxy 53.7097, 0.3066, 0.3064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 190, 209) }
```

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

```
.background{ background-color: rgb(200,  
190, 209) }
```

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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