

Converting Colors

$Y_{xy}(53.2121, 0.3040, 0.3412)$

Have a look what the booklet for
Yxy(53.2121, 0.3040, 0.3412)
contains.

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Color

Yxy(53.4840, 0.3043, 0.3417)

Conversions

Conversions Part 1

Format	Color
Hex	B2C6BC
RGB	178, 198, 188
RGB Percent	70%, 78%, 74%
CMY	0.3021, 0.2235, 0.2626
CMYK	0.10, 0.00, 0.05, 0.22
HSL	150°, 15%, 74%
HSV	150°, 10%, 78%
XYZ	47.6300, 53.4840, 55.4092
YIQ	190.8800, -8.7100, -7.3500

Conversions

Conversions Part 2

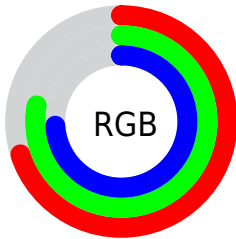
Format	Color
RYB	178, 191, 198
Decimal	11716284
CIELab	78.16, -8.72, 2.67
CIELCh	78, 9.115, 162.970
Yxy	53.4840, 0.3043, 0.3417
Android (android.graphics.Color)	4289906364 (0xFFB2C6BC)
YUV	190.8800, -1.4198, -11.2958
Hunter-Lab	73.1328, -11.7285, 6.2717

Details

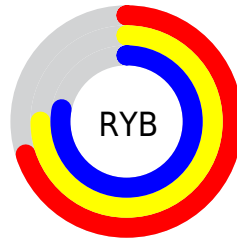
The Yxy color **53.4840, 0.3043, 0.3417** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.4670, 0.3220, 0.3166**, and the grayscale version is **52.0395, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.5441, 0.3061, 0.3399**, and **26.0558, 0.3016, 0.3446** is the 20% darker color. If you saturate the color by 10%, you get **50.9001, 0.2962, 0.3557**, and if you desaturate by 10%, it is **56.4395, 0.3126, 0.3291**.

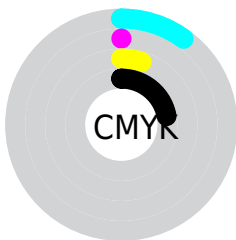
Distribution



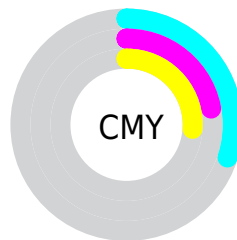
- Red (70%)
- Green (78%)
- Blue (74%)



- Red (70%)
- Yellow (75%)
- Blue (78%)



- Cyan (10%)
- Magenta (0%)
- Yellow (5%)
- Black (22%)





- Cyan (30%)
- Magenta (22%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.4840, 0.3043, 0.3417 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 53.4840, 0.3043, 0.3417 by changing the saturation by 10% instead.

 53.4840, 0.3043,
0.3417

 53.4840, 0.3043,
0.3417


400.1393, 0.3084,
0.3354

 38.1893, 0.3033,
0.3432

 95.3162, 0.3058,
0.3394

 26.1296, 0.3020,
0.3452


122.6225, 0.3064,
0.3386

 16.9206, 0.3003,
0.3478


154.7014, 0.3068,
0.3379

 10.1779, 0.2979,
0.3514

191.9373, 0.3072,
0.3373

 5.5171, 0.2945,
0.3566

234.7147, 0.3076,
0.3367

 2.5537, 0.2890,
0.3651

283.4179, 0.3079,

 0.9035, 0.2753,

0.3362

0.3851

338.4313, 0.3082,
0.3358

0.0000, 0.0000,
0.0000

53.4840, 0.3043,
0.3417

53.4840, 0.3043,
0.3417

50.9001, 0.2962,
0.3557

56.4395, 0.3126,
0.3291

48.6661, 0.2886,
0.3712

59.7740, 0.3210,
0.3180

46.7681, 0.2818,
0.3881

63.5030, 0.3292,
0.3081

45.1889, 0.2760,
0.4061

67.2235, 0.3355,
0.2993

43.9095, 0.2716,
0.4251

67.7850, 0.3281,
0.2897

■ 42.9088, 0.2690,
0.4446

■ 68.3783, 0.3209,
0.2804

■ 42.1630, 0.2683,
0.4641

■ 68.8717, 0.3153,
0.2732

■ 41.6438, 0.2696,
0.4830

■ 41.3008, 0.2724,
0.5008

Harmonies

Analogous

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



53.4840, 0.3165, 0.3487



53.4840, 0.3043, 0.3417



53.4840, 0.2945, 0.3311

Triad

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



53.4840, 0.3043, 0.3417



53.4840, 0.2976, 0.3084



53.4840, 0.3364, 0.3371

Complementary

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



53.4840, 0.3043, 0.3417



47.4670, 0.3220, 0.3166

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.



53.4840, 0.3312, 0.3265



53.4840, 0.3043, 0.3417



53.4840, 0.3086, 0.3102

Square

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



53.4840, 0.3043, 0.3417



53.4840, 0.2907, 0.3120



53.4840, 0.3209, 0.3168



53.4840, 0.3352, 0.3458

Rectangle

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



53.4840, 0.3043, 0.3417



53.4840, 0.2906, 0.3237



53.4840, 0.3209, 0.3168



53.4840, 0.3354, 0.3336

Sweetspot

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



53.4863, 0.3043, 0.3417



98.3350, 0.3102, 0.3327



54.2955, 0.3195, 0.3543



20.9547, 0.3095, 0.3337



0.0000, 0.0000, 0.0000



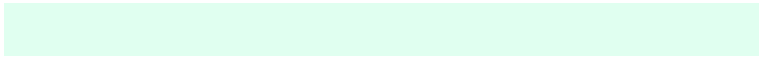
21.4041, 0.3127, 0.3290

Same Dimension

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



53.4863, 0.3043, 0.3417



93.7087, 0.3026, 0.3445



53.9315, 0.2973, 0.3290



11.9752, 0.3049, 0.3407



26.8739, 0.2718, 0.4984



1.2871, 0.2612, 0.4602

Inverse Universe

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



47.4670, 0.3220, 0.3166



81.0561, 0.3242, 0.3140



47.0518, 0.3304, 0.3291



10.7235, 0.3213, 0.3176



8.4055, 0.4949, 0.2500



0.4126, 0.4491, 0.2248

Previews

White Background



This preview shows how the Yxy color 53.4840, 0.3043, 0.3417 looks on a white background.

Color Contrast Check

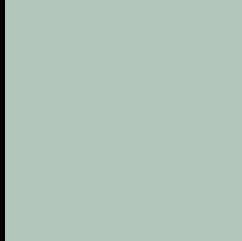
Large Text (above 18pt) WCAG AA × Fail

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 53.4840, 0.3043, 0.3417 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

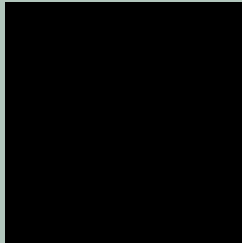
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

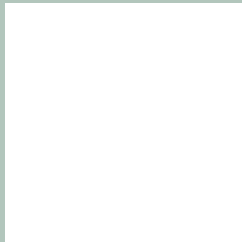
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.4840, 0.3043, 0.3417

Background



This preview shows how black text looks on a background with the Yxy color 53.4840, 0.3043, 0.3417.



This preview shows how white text looks on a background with the Yxy color 53.4840, 0.3043, 0.3417.

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

53.4840, 0.3043, 0.3417

Protanopia

53.2078, 0.3230, 0.3376

Deuteranopia

53.4045, 0.3322, 0.3255



Tritanopia

53.6284, 0.2920, 0.3105

Trichromacy



Original Color

53.4840, 0.3043, 0.3417

Protanomaly

53.2051, 0.3163, 0.3390

Deuteranomaly

53.2151, 0.3216, 0.3315

Tritanomaly

53.5679, 0.2968, 0.3215

Monochromacy



Original Color

53.4840, 0.3043, 0.3417

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.7404, 0.3093, 0.3340

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.4840, 0.3043, 0.3417 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(178, 198, 188)` looks like.

```
.text, #text, p{  
    color:rgb(178, 198, 188)  
}
```

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(178, 198, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 198, 188) }
```

Border

The CSS property to change the border of an element to Yxy 53.4840, 0.3043, 0.3417 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(178, 198, 188) }
```

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

```
.border{ border-color:rgb(178, 198, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 198, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(178, 198, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(178, 198, 188); box-shadow:4px 4px 4px 4px rgb(178, 198, 188) }
```


Background

The CSS property to change the background color of an element to Yxy 53.4840, 0.3043, 0.3417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 198, 188) }
```

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

```
.background{ background-color: rgb(178,  
198, 188) }
```

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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