

Converting Colors

Yxy(53.8681, 0.3095, 0.3367)

Have a look what the booklet for
Yxy(53.8681, 0.3095, 0.3367)
contains.

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Color

Yxy(53.7624, 0.3100, 0.3365)

Conversions

Conversions Part 1

Format	Color
Hex	BBC4BE
RGB	187, 196, 190
RGB Percent	73%, 77%, 75%
CMY	0.2666, 0.2314, 0.2549
CMYK	0.05, 0.00, 0.03, 0.23
HSL	140°, 7%, 75%
HSV	140°, 5%, 77%
XYZ	49.5285, 53.7624, 56.4785
YIQ	192.6250, -3.4380, -3.7740

Conversions

Conversions Part 2

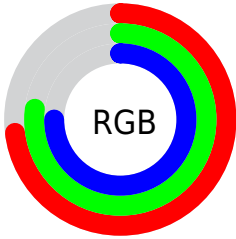
Format	Color
RYB	187, 194, 196
Decimal	12305598
CIELab	78.32, -4.21, 1.93
CIELCh	78, 4.631, 155.370
Yxy	53.7624, 0.3100, 0.3365
Android (android.graphics.Color)	4290495678 (0xFFBBC4BE)
YUV	192.6250, -1.2941, -4.9331
Hunter-Lab	73.3228, -7.7408, 5.6566

Details

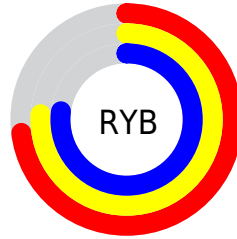
The Yxy color **53.7624, 0.3100, 0.3365** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.1315, 0.3155, 0.3216**, and the grayscale version is **53.1078, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.9591, 0.3105, 0.3359**, and **26.2205, 0.3091, 0.3374** is the 20% darker color. If you saturate the color by 10%, you get **50.9118, 0.3041, 0.3544**, and if you desaturate by 10%, it is **57.0064, 0.3159, 0.3207**.

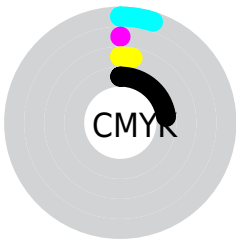
Distribution



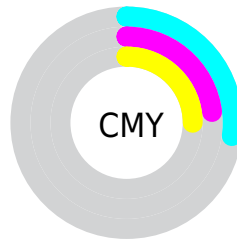
- Red (73%)
- Green (77%)
- Blue (75%)



- Red (73%)
- Yellow (76%)
- Blue (77%)



- Cyan (5%)
- Magenta (0%)
- Yellow (3%)
- Black (23%)




- Cyan (27%)
- Magenta (23%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.7624, 0.3100, 0.3365 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 53.7624, 0.3100, 0.3365 by changing the saturation by 10% instead.


 53.7624, 0.3100,
0.3365

 53.7624, 0.3100,
0.3365


401.2033, 0.3113,
0.3328

 38.4117, 0.3097,
0.3374


 95.7253, 0.3105,
0.3352

 26.3024, 0.3093,
0.3385


123.1063, 0.3107,
0.3347

 17.0500, 0.3087,
0.3400


155.2662, 0.3108,
0.3343

 10.2702, 0.3079,
0.3421

192.5895, 0.3110,
0.3339

 5.5784, 0.3068,
0.3451

235.4604, 0.3111,
0.3336

 2.5905, 0.3050,
0.3500

284.2634, 0.3112,

 0.9219, 0.3016,

0.3333

0.3597

339.3829, 0.3113,
0.3330

0.0000, 0.0000,
0.0000

53.7624, 0.3100,
0.3365

53.7624, 0.3100,
0.3365

50.9118, 0.3041,
0.3544

57.0064, 0.3159,
0.3207

48.4329, 0.2984,
0.3743

60.6510, 0.3217,
0.3068

46.3119, 0.2930,
0.3964

64.7120, 0.3272,
0.2947

44.5319, 0.2884,
0.4202

67.1739, 0.3246,
0.2829

43.0744, 0.2847,
0.4454

67.9613, 0.3154,
0.2712

■ 41.9190, 0.2823,
0.4711

■ 41.0430, 0.2815,
0.4966

■ 40.4205, 0.2825,
0.5206

■ 40.0199, 0.2850,
0.5420

Harmonies

Analogous

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



53.7624, 0.3162, 0.3394



53.7624, 0.3100, 0.3365



53.7624, 0.3045, 0.3316

Triad

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



53.7624, 0.3100, 0.3365



53.7624, 0.3039, 0.3187



53.7624, 0.3243, 0.3319

Complementary

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



53.7624, 0.3100, 0.3365



51.1315, 0.3155, 0.3216

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.



53.7624, 0.3210, 0.3264



53.7624, 0.3100, 0.3365



53.7624, 0.3091, 0.3189

Square

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



53.7624, 0.3100, 0.3365



53.7624, 0.3010, 0.3213



53.7624, 0.3154, 0.3217



53.7624, 0.3245, 0.3366

Rectangle

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



53.7624, 0.3100, 0.3365



53.7624, 0.3020, 0.3278



53.7624, 0.3154, 0.3217



53.7624, 0.3235, 0.3301

Sweetspot

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



53.7647, 0.3100, 0.3365



99.4103, 0.3121, 0.3306



54.4274, 0.3171, 0.3401



21.2841, 0.3121, 0.3305



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.



53.7647, 0.3100, 0.3365



96.5720, 0.3091, 0.3391



53.9582, 0.3068, 0.3310



11.4896, 0.3088, 0.3398



25.6278, 0.2860, 0.5498



1.1202, 0.2729, 0.5024

Inverse Universe

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



51.1315, 0.3155, 0.3216



90.3008, 0.3165, 0.3192



50.9397, 0.3189, 0.3270



10.6878, 0.3168, 0.3184



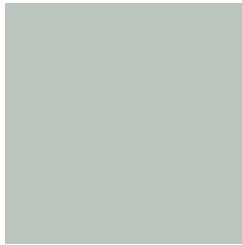
8.6087, 0.4255, 0.2118



0.3843, 0.3967, 0.1959

Previews

White Background



This preview shows how the Yxy color 53.7624, 0.3100, 0.3365 looks on a white background.

Color Contrast Check

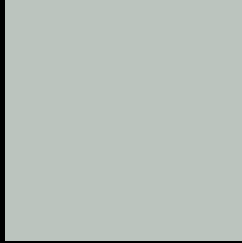
Large Text (above 18pt) WCAG AA × Fail

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 53.7624, 0.3100, 0.3365 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

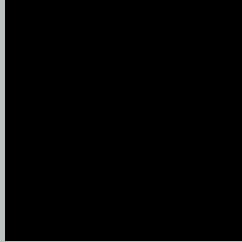
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

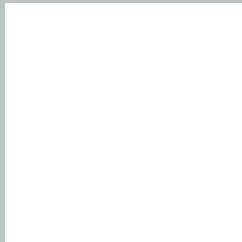
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.7624, 0.3100, 0.3365

Background



This preview shows how black text looks on a background with the Yxy color 53.7624, 0.3100, 0.3365.



This preview shows how white text looks on a background with the Yxy color 53.7624, 0.3100, 0.3365.

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

53.7624, 0.3100, 0.3365

Protanopia

53.7765, 0.3206, 0.3351

Deuteranopia

53.4926, 0.3306, 0.3232



Tritanopia

53.6411, 0.2994, 0.3107

Trichromacy



Original Color

53.7624, 0.3100, 0.3365

Protanomaly

53.7270, 0.3165, 0.3352

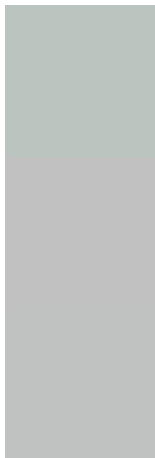
Deuteranomaly

53.4259, 0.3235, 0.3278

Tritanomaly

53.6194, 0.3036, 0.3204

Monochromacy



Original Color

53.7624, 0.3100, 0.3365

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.4657, 0.3118, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.7624, 0.3100, 0.3365 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(187, 196, 190)` looks like.

```
.text, #text, p{  
    color:rgb(187, 196, 190)  
}
```

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(187, 196, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 196, 190) }
```

Border

The CSS property to change the border of an element to Yxy 53.7624, 0.3100, 0.3365 is called "border". The border property can be set on classes, ids or directly on the HTML element.

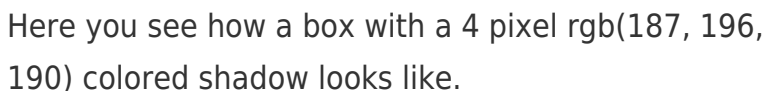
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 196, 190) }
```

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

```
.border{ border-color:rgb(187, 196, 190) }
```

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



Here you see how a box with a 4 pixel `rgb(187, 196, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 196, 190); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 196, 190); box-shadow:4px 4px 4px 4px rgb(187, 196, 190) }
```


Background

The CSS property to change the background color of an element to Yxy 53.7624, 0.3100, 0.3365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 196, 190) }
```

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

```
.background{ background-color: rgb(187,  
196, 190) }
```

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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