

Converting Colors

Yxy(50.7933, 0.3090, 0.3301)

Have a look what the booklet for
Yxy(50.7933, 0.3090, 0.3301)
contains.

Yxy(50.8153, 0.3094, 0.3303)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(50.8153, 0.3094, 0.3303)

Conversions

Conversions Part 1

Format	Color
Hex	B9BEBD
RGB	185, 190, 189
RGB Percent	73%, 75%, 74%
CMY	0.2746, 0.2548, 0.2589
CMYK	0.03, 0.00, 0.01, 0.25
HSL	168°, 4%, 74%
HSV	168°, 3%, 75%
XYZ	47.5999, 50.8153, 55.4307
YIQ	188.3910, -2.6590, -1.3710

Conversions

Conversions Part 2

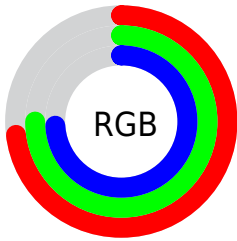
Format	Color
R _Y B	185, 188, 190
Decimal	12172989
CIE Lab	76.57, -1.93, -0.10
CIE LCh	77, 1.935, 182.888
Yxy	50.8153, 0.3094, 0.3303
Android (android.graphics.Color)	4290363069 (0xFFB9BEBD)
YUV	188.3910, 0.3002, -2.9739
Hunter-Lab	71.2849, -5.5565, 3.7958

Details

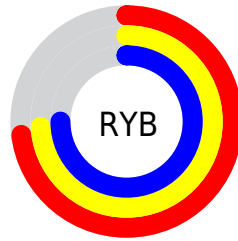
The Yxy color **50.8153, 0.3094, 0.3303** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.1827, 0.3161, 0.3277**, and the grayscale version is **50.5212, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.2049, 0.3101, 0.3300**, and **24.5744, 0.3082, 0.3307** is the 20% darker color. If you saturate the color by 10%, you get **48.4431, 0.2972, 0.3355**, and if you desaturate by 10%, it is **53.5122, 0.3220, 0.3256**.

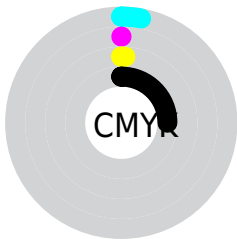
Distribution



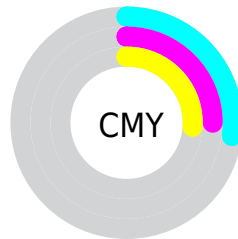
- Red (73%)
- Green (75%)
- Blue (74%)



- Red (73%)
- Yellow (74%)
- Blue (75%)



- Cyan (3%)
- Magenta (0%)
- Yellow (1%)
- Black (25%)



- Cyan (27%)
- Magenta (25%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.8153, 0.3094, 0.3303 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 50.8153, 0.3094, 0.3303 by changing the saturation by 10% instead.

■ 50.8153, 0.3094,
0.3303

■ 50.8153, 0.3094,
0.3303

389.8458, 0.3110,
0.3297

■ 36.0616, 0.3090,
0.3305

■ 91.3817, 0.3100,
0.3301

■ 24.4818, 0.3085,
0.3307

117.9632, 0.3102,
0.3300

■ 15.6914, 0.3078,
0.3309

149.2562, 0.3104,
0.3299

■ 9.3061, 0.3069,
0.3313

185.6449, 0.3106,
0.3299

■ 4.9413, 0.3055,
0.3318

227.5138, 0.3107,
0.3298

■ 2.2129, 0.3033,
0.3326

275.2474, 0.3108,

■ 0.7270, 0.2968,

0.3298

0.3351

329.2299, 0.3109,
0.3297

0.0000, 0.0000,
0.0000

50.8153, 0.3094,
0.3303

50.8153, 0.3094,
0.3303

48.4431, 0.2972,
0.3355

53.5122, 0.3220,
0.3256

46.3766, 0.2855,
0.3413

56.5392, 0.3347,
0.3214

44.6048, 0.2748,
0.3475

59.9094, 0.3474,
0.3176

43.1133, 0.2653,
0.3541

62.4814, 0.3550,
0.3141

41.8866, 0.2572,
0.3611

62.6719, 0.3518,
0.3101

■ 40.9079, 0.2508,
0.3684

■ 62.8671, 0.3486,
0.3061

■ 40.1580, 0.2463,
0.3758

■ 63.0671, 0.3454,
0.3022

■ 39.6152, 0.2437,
0.3833

■ 63.2719, 0.3423,
0.2983

■ 39.2534, 0.2430,
0.3907

■ 63.4816, 0.3392,
0.2944

Harmonies

Analogous

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



50.8153, 0.3118, 0.3323



50.8153, 0.3094, 0.3303



50.8153, 0.3079, 0.3279

Triad

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



50.8153, 0.3094, 0.3303



50.8153, 0.3110, 0.3246



50.8153, 0.3178, 0.3321

Complementary

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



50.8153, 0.3094, 0.3303



49.1827, 0.3161, 0.3277

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.



50.8153, 0.3176, 0.3301



50.8153, 0.3094, 0.3303



50.8153, 0.3136, 0.3258

Square

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



50.8153, 0.3094, 0.3303



50.8153, 0.3088, 0.3247



50.8153, 0.3161, 0.3277



50.8153, 0.3166, 0.3334

Rectangle

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



50.8153, 0.3094, 0.3303



50.8153, 0.3076, 0.3265



50.8153, 0.3161, 0.3277



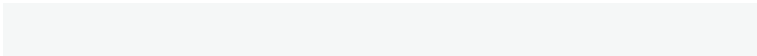
50.8153, 0.3179, 0.3315

Sweetspot

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



50.8175, 0.3094, 0.3303



92.8317, 0.3114, 0.3295



50.7823, 0.3133, 0.3354



20.3902, 0.3115, 0.3295



97.7402, 0.3127, 0.3290



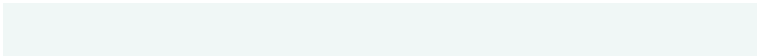
20.4902, 0.3127, 0.3290

Same Dimension

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



50.8175, 0.3094, 0.3303



91.8918, 0.3089, 0.3305



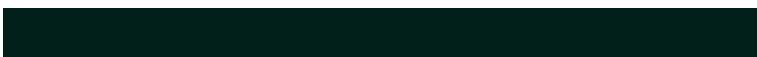
50.2473, 0.3087, 0.3272



11.0710, 0.3080, 0.3308



25.9841, 0.2431, 0.3952



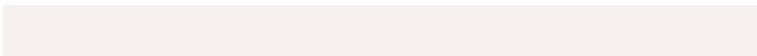
1.0265, 0.2382, 0.3775

Inverse Universe

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



49.1827, 0.3161, 0.3277



88.4946, 0.3167, 0.3275



49.7389, 0.3168, 0.3308



10.5695, 0.3176, 0.3272



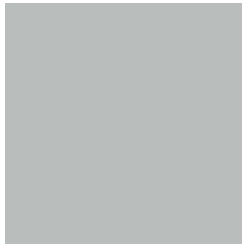
7.3862, 0.6034, 0.3098



0.2989, 0.5372, 0.2733

Previews

White Background



This preview shows how the Yxy color 50.8153, 0.3094, 0.3303 looks on a white background.

Color Contrast Check

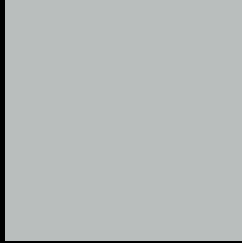
Large Text (above 18pt) WCAG AA × Fail

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 50.8153, 0.3094, 0.3303 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

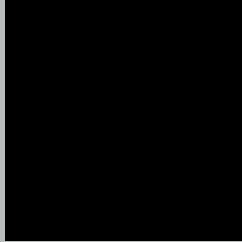
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

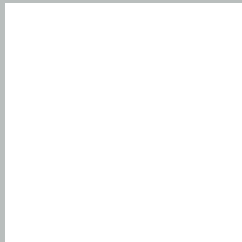
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.8153, 0.3094, 0.3303

Background



This preview shows how black text looks on a background with the Yxy color 50.8153, 0.3094, 0.3303.

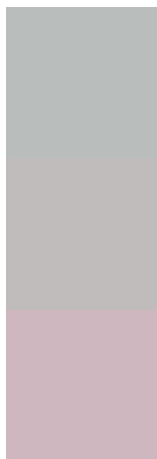


This preview shows how white text looks on a background with the Yxy color 50.8153, 0.3094, 0.3303.

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

50.8153, 0.3094, 0.3303

Protanopia

50.8037, 0.3160, 0.3290

Deuteranopia

50.7065, 0.3268, 0.3206



Tritanopia

50.8430, 0.3007, 0.3104

Trichromacy



Original Color

50.8153, 0.3094, 0.3303

Protanomaly

50.8448, 0.3135, 0.3303

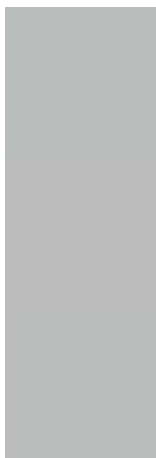
Deuteranomaly

50.8413, 0.3196, 0.3241

Tritanomaly

50.9115, 0.3035, 0.3177

Monochromacy



Original Color

50.8153, 0.3094, 0.3303

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.5908, 0.3118, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.8153, 0.3094, 0.3303 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(185, 190, 189)` looks like.

```
.text, #text, p{  
    color:rgb(185, 190, 189)  
}
```

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(185, 190, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 190, 189) }
```

Border

The CSS property to change the border of an element to Yxy 50.8153, 0.3094, 0.3303 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(185, 190, 189) }
```

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

```
.border{ border-color:rgb(185, 190, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 190, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 190, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 190, 189);  
box-shadow:4px 4px 4px 4px rgb(185, 190,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 50.8153, 0.3094, 0.3303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 190, 189) }
```

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

```
.background{ background-color: rgb(185,  
190, 189) }
```

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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