

Converting Colors

$Y_{xy}(50.9780, 0.3161, 0.3278)$

Have a look what the booklet for
Yxy(50.9780, 0.3161, 0.3278)
contains.

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Color

Yxy(50.9780, 0.3161, 0.3278)

Conversions

Conversions Part 1

Format	Color
Hex	C1BCBD
RGB	193, 188, 189
RGB Percent	76%, 74%, 74%
CMY	0.2431, 0.2627, 0.2589
CMYK	0.00, 0.03, 0.02, 0.24
HSL	348°, 4%, 75%
HSV	348°, 3%, 76%
XYZ	49.1585, 50.9780, 55.3791
YIQ	189.6090, 2.6590, 1.3710

Conversions

Conversions Part 2

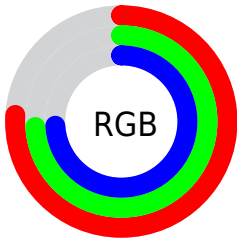
Format	Color
R _Y B	193, 188, 189
Decimal	12696765
CIE Lab	76.67, 1.93, 0.12
CIE LCh	77, 1.933, 3.625
Yxy	50.9780, 0.3161, 0.3278
Android (android.graphics.Color)	4290886845 (0xFFC1BCBD)
YUV	189.6090, -0.3002, 2.9739
Hunter-Lab	71.3989, -2.0499, 3.9921

Details

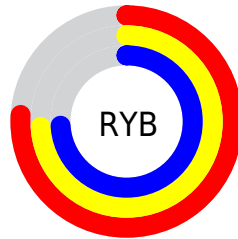
The Yxy color **50.9780, 0.3161, 0.3278** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.6393, 0.3094, 0.3302**, and the grayscale version is **51.2570, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.4337, 0.3154, 0.3280**, and **24.6810, 0.3173, 0.3273** is the 20% darker color. If you saturate the color by 10%, you get **42.6383, 0.3311, 0.3230**, and if you desaturate by 10%, it is **60.4973, 0.3040, 0.3323**.

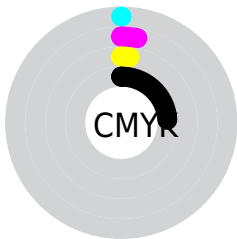
Distribution



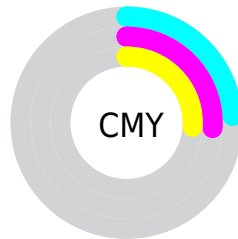
- Red (76%)
- Green (74%)
- Blue (74%)



- Red (76%)
- Yellow (74%)
- Blue (74%)



- Cyan (0%)
- Magenta (3%)
- Yellow (2%)
- Black (24%)



- Cyan (24%)
- Magenta (26%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.9780, 0.3161, 0.3278 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 50.9780, 0.3161, 0.3278 by changing the saturation by 10% instead.

■ 50.9780, 0.3161,
0.3278

■ 50.9780, 0.3161,
0.3278

390.4783, 0.3144,
0.3284

■ 36.1911, 0.3165,
0.3277

■ 91.6223, 0.3155,
0.3280

■ 24.5818, 0.3170,
0.3275

118.2484, 0.3153,
0.3281

■ 15.7658, 0.3177,
0.3272

149.5897, 0.3151,
0.3282

■ 9.3586, 0.3187,
0.3269

186.0307, 0.3149,
0.3282

■ 4.9758, 0.3201,
0.3264

227.9556, 0.3148,
0.3283

■ 2.2331, 0.3223,
0.3255

275.7489, 0.3146,

■ 0.7379, 0.3281,

0.3283

0.3235

329.7950, 0.3145,
0.3284

0.0000, 0.0000,
0.0000

50.9780, 0.3161,
0.3278

50.9780, 0.3161,
0.3278

42.6383, 0.3311,
0.3230

60.4973, 0.3040,
0.3323

35.4258, 0.3496,
0.3178

71.2327, 0.2941,
0.3364

29.2940, 0.3723,
0.3126

83.2275, 0.2861,
0.3401

24.1907, 0.4000,
0.3075

89.8341, 0.2787,
0.3329

20.0592, 0.4330,
0.3031

90.0774, 0.2768,
0.3289

■ 16.8374, 0.4709,
0.3001

■ 14.4561, 0.5120,
0.2995

■ 12.8358, 0.5528,
0.3020

■ 11.8817, 0.5884,
0.3079

Harmonies

Analogous

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



50.9780, 0.3137, 0.3258



50.9780, 0.3161, 0.3278



50.9780, 0.3176, 0.3301

Triad

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



50.9780, 0.3161, 0.3278



50.9780, 0.3144, 0.3334



50.9780, 0.3077, 0.3258

Complementary

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



50.9780, 0.3161, 0.3278



52.6393, 0.3094, 0.3302

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.



50.9780, 0.3079, 0.3279



50.9780, 0.3161, 0.3278



50.9780, 0.3117, 0.3323

Square

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



50.9780, 0.3161, 0.3278



50.9780, 0.3166, 0.3334



50.9780, 0.3094, 0.3302



50.9780, 0.3089, 0.3247

Rectangle

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



50.9780, 0.3161, 0.3278



50.9780, 0.3179, 0.3316



50.9780, 0.3094, 0.3302



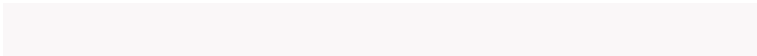
50.9780, 0.3076, 0.3264

Sweetspot

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



50.9802, 0.3161, 0.3278



93.8428, 0.3140, 0.3285



51.0265, 0.3122, 0.3228



20.1504, 0.3140, 0.3286



97.7402, 0.3127, 0.3290



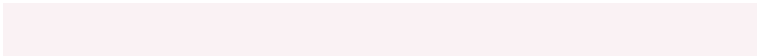
20.4902, 0.3127, 0.3290

Same Dimension

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



50.9802, 0.3161, 0.3278



90.5730, 0.3167, 0.3276



51.5815, 0.3167, 0.3309



11.1730, 0.3177, 0.3273



7.6407, 0.6068, 0.3116



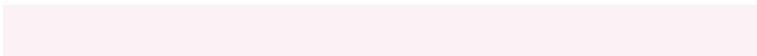
0.3399, 0.5458, 0.2781

Inverse Universe

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



50.9802, 0.3161, 0.3278



90.5730, 0.3167, 0.3276



52.0236, 0.3088, 0.3271



11.1730, 0.3177, 0.3273



7.6407, 0.6068, 0.3116



0.3399, 0.5458, 0.2781

Previews

White Background



This preview shows how the Yxy color 50.9780, 0.3161, 0.3278 looks on a white background.

Color Contrast Check

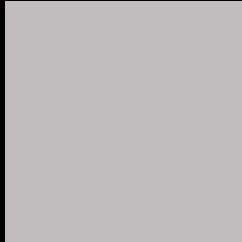
Large Text (above 18pt) WCAG AA × Fail

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 50.9780, 0.3161, 0.3278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

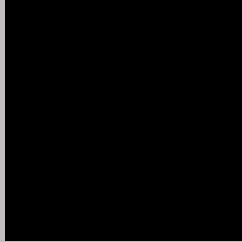
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

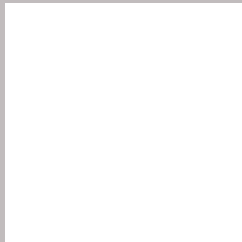
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.9780, 0.3161, 0.3278

Background



This preview shows how black text looks on a background with the Yxy color 50.9780, 0.3161, 0.3278.

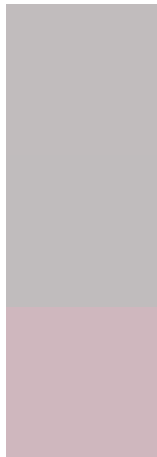


This preview shows how white text looks on a background with the Yxy color 50.9780, 0.3161, 0.3278.

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

50.9780, 0.3161, 0.3278

Protanopia

50.8470, 0.3153, 0.3278

Deuteranopia

50.8501, 0.3276, 0.3206



Tritanopia

50.9370, 0.3086, 0.3107

Trichromacy



Original Color

50.9780, 0.3161, 0.3278

Protanomaly

50.8470, 0.3153, 0.3278

Deuteranomaly

50.9722, 0.3231, 0.3229

Tritanomaly

51.0412, 0.3108, 0.3167

Monochromacy



Original Color

50.9780, 0.3161, 0.3278

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.1893, 0.3136, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.9780, 0.3161, 0.3278 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(193, 188, 189)` looks like.

```
.text, #text, p{  
    color:rgb(193, 188, 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(193, 188, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 188, 189) }
```

Border

The CSS property to change the border of an element to Yxy 50.9780, 0.3161, 0.3278 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(193, 188, 189) }
```

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

```
.border{ border-color:rgb(193, 188, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 188, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 188, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 188, 189);  
box-shadow:4px 4px 4px 4px rgb(193, 188,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 50.9780, 0.3161, 0.3278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 188, 189) }
```

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

```
.background{ background-color: rgb(193,  
188, 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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