

Converting Colors

$Yxy(50.0597, 0.3157, 0.3323)$

Have a look what the booklet for
Yxy(50.0597, 0.3157, 0.3323)
contains.

Yxy(50.2880, 0.3159, 0.3328)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(50.2880, 0.3159, 0.3328)

Conversions

Conversions Part 1

Format	Color
Hex	BDBC B9
RGB	189, 188, 185
RGB Percent	74%, 74%, 73%
CMY	0.2586, 0.2628, 0.2745
CMYK	0.00, 0.01, 0.02, 0.26
HSL	44°, 3%, 73%
HSV	44°, 2%, 74%
XYZ	47.7343, 50.2880, 53.0835
YIQ	187.9570, 1.5590, -0.7210

Conversions

Conversions Part 2

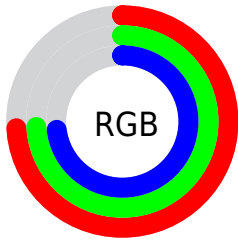
Format	Color
RYB	186, 189, 185
Decimal	12434617
CIELab	76.25, -0.17, 1.64
CIELCh	76, 1.645, 96.093
Yxy	50.2880, 0.3159, 0.3328
Android (android.graphics.Color)	4290624697 (0xFFBDBC9)
YUV	187.9570, -1.4578, 0.9147
Hunter-Lab	70.9140, -3.9460, 5.2577

Details

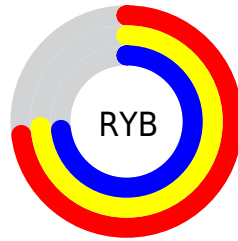
The Yxy color **50.2880, 0.3159, 0.3328** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.1274, 0.3095, 0.3252**, and the grayscale version is **50.2758, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.4647, 0.3152, 0.3320**, and **24.2281, 0.3170, 0.3342** is the 20% darker color. If you saturate the color by 10%, you get **47.4748, 0.3316, 0.3511**, and if you desaturate by 10%, it is **53.2836, 0.3016, 0.3155**.

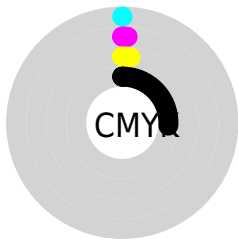
Distribution



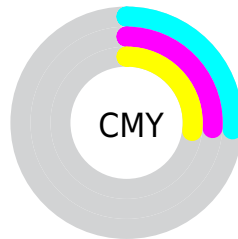
- Red (74%)
- Green (74%)
- Blue (73%)



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



- Cyan (0%)
- Magenta (1%)
- Yellow (2%)
- Black (26%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.2880, 0.3159, 0.3328 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 50.2880, 0.3159, 0.3328 by changing the saturation by 10% instead.

■ 50.2880, 0.3159,
0.3328

■ 50.2880, 0.3159,
0.3328

387.7911, 0.3143,
0.3309

■ 35.6423, 0.3163,
0.3333

■ 90.6014, 0.3153,
0.3321

■ 24.1581, 0.3168,
0.3338

117.0380, 0.3151,
0.3319

■ 15.4509, 0.3174,
0.3346

148.1735, 0.3149,
0.3317

■ 9.1365, 0.3183,
0.3357

184.3926, 0.3148,
0.3315

■ 4.8303, 0.3197,
0.3373

226.0795, 0.3146,
0.3313

■ 2.1480, 0.3218,
0.3399

273.6186, 0.3145,

■ 0.6914, 0.3293,

0.3312

0.3487

327.3943, 0.3144,
0.3310

0.0000, 0.0000,
0.0000

50.2880, 0.3159,
0.3328

50.2880, 0.3159,
0.3328

47.4748, 0.3316,
0.3511

53.2836, 0.3016,
0.3155

44.8326, 0.3485,
0.3700

56.4596, 0.2887,
0.2993

42.3585, 0.3665,
0.3892

59.8228, 0.2771,
0.2844

40.0469, 0.3853,
0.4079

63.0107, 0.2698,
0.2763

37.8920, 0.4043,
0.4252

65.4462, 0.2703,
0.2819

■ 35.8873, 0.4227,
0.4403

■ 67.9571, 0.2708,
0.2876

■ 34.0258, 0.4398,
0.4520

■ 70.5438, 0.2714,
0.2932

■ 32.2994, 0.4546,
0.4594

■ 73.2071, 0.2719,
0.2987

■ 30.6988, 0.4666,
0.4621

■ 75.9476, 0.2724,
0.3042

Harmonies

Analogous

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



50.2880, 0.3170, 0.3318



50.2880, 0.3159, 0.3328



50.2880, 0.3140, 0.3327

Triad

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



50.2880, 0.3159, 0.3328



50.2880, 0.3085, 0.3279



50.2880, 0.3138, 0.3264

Complementary

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



50.2880, 0.3159, 0.3328



49.1274, 0.3095, 0.3252

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.



50.2880, 0.3115, 0.3253



50.2880, 0.3159, 0.3328



50.2880, 0.3085, 0.3262

Square

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



50.2880, 0.3159, 0.3328



50.2880, 0.3097, 0.3299



50.2880, 0.3096, 0.3253



50.2880, 0.3157, 0.3281

Rectangle

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



50.2880, 0.3159, 0.3328



50.2880, 0.3124, 0.3321



50.2880, 0.3096, 0.3253



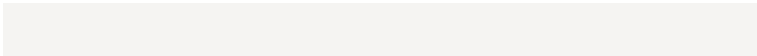
50.2880, 0.3130, 0.3259

Sweetspot

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



50.2902, 0.3159, 0.3328



90.6074, 0.3142, 0.3308



49.0672, 0.3153, 0.3276



19.4906, 0.3141, 0.3307



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



50.2902, 0.3159, 0.3328



89.5506, 0.3173, 0.3344



50.6230, 0.3150, 0.3341



11.0394, 0.3183, 0.3357



19.9773, 0.4736, 0.4622



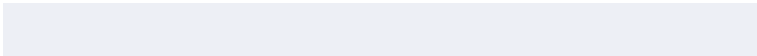
0.8831, 0.4579, 0.4746

Inverse Universe

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



49.1274, 0.3095, 0.3252



86.6134, 0.3082, 0.3235



48.8013, 0.3104, 0.3238



10.5953, 0.3071, 0.3223



4.0722, 0.1591, 0.0928



0.2700, 0.1728, 0.1419

Previews

White Background



This preview shows how the Yxy color 50.2880, 0.3159, 0.3328 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 50.2880, 0.3159, 0.3328 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

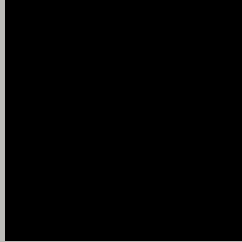
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

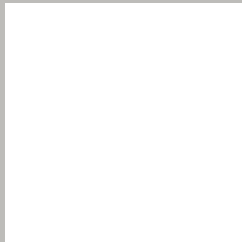
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.2880, 0.3159, 0.3328

Background



This preview shows how black text looks on a background with the Yxy color 50.2880, 0.3159, 0.3328.

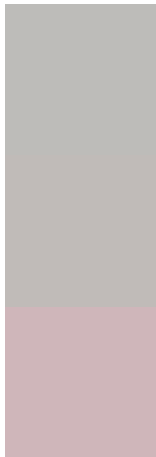


This preview shows how white text looks on a background with the Yxy color 50.2880, 0.3159, 0.3328.

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

50.2880, 0.3159, 0.3328

Protanopia

50.2078, 0.3192, 0.3328

Deuteranopia

50.2665, 0.3310, 0.3242



Tritanopia

50.3643, 0.3061, 0.3117

Trichromacy



Original Color

50.2880, 0.3159, 0.3328

Protanomaly

50.0777, 0.3184, 0.3328

Deuteranomaly

50.1055, 0.3247, 0.3266

Tritanomaly

50.4279, 0.3091, 0.3190

Monochromacy



Original Color

50.2880, 0.3159, 0.3328

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.2457, 0.3135, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.2880, 0.3159, 0.3328 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(189, 188, 185)` looks like.

```
.text, #text, p{  
    color:rgb(189, 188, 185)  
}
```

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(189, 188, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 188, 185) }
```

Border

The CSS property to change the border of an element to Yxy 50.2880, 0.3159, 0.3328 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(189, 188, 185) }
```

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

```
.border{ border-color:rgb(189, 188, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 188, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 188, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 188, 185);  
box-shadow:4px 4px 4px 4px rgb(189, 188,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 50.2880, 0.3159, 0.3328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 188, 185) }
```

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

```
.background{ background-color: rgb(189,  
188, 185) }
```

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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