

Converting Colors

Yxy(50.0201, 0.3193, 0.3398)

Have a look what the booklet for
Yxy(50.0201, 0.3193, 0.3398)
contains.

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Color

Yxy(49.9531, 0.3189, 0.3392)

Conversions

Conversions Part 1

Format	Color
Hex	BCBCB4
RGB	188, 188, 180
RGB Percent	74%, 74%, 71%
CMY	0.2627, 0.2627, 0.2941
CMYK	0.00, 0.00, 0.04, 0.26
HSL	60°, 6%, 72%
HSV	60°, 4%, 74%
XYZ	46.9636, 49.9531, 50.3507
YIQ	187.0880, 2.5680, -2.4880

Conversions

Conversions Part 2

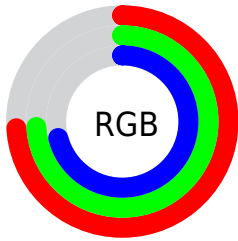
Format	Color
RYB	180, 188, 180
Decimal	12369076
CIELab	76.04, -1.44, 4.03
CIELCh	76, 4.280, 109.669
Yxy	49.9531, 0.3189, 0.3392
Android (android.graphics.Color)	4290559156 (0xFFBCBCB4)
YUV	187.0880, -3.4944, 0.7998
Hunter-Lab	70.6775, -5.0765, 7.2360

Details

The Yxy color `49.9531, 0.3189, 0.3392` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `45.9879, 0.3064, 0.3186`, and the grayscale version is `49.7677, 0.3127, 0.3290`.

A 20% lighter version of the original color is `89.9906, 0.3175, 0.3370`, and `24.0111, 0.3211, 0.3429` is the 20% darker color. If you saturate the color by 10%, you get `49.2254, 0.3338, 0.3637`, and if you desaturate by 10%, it is `50.7891, 0.3046, 0.3156`.

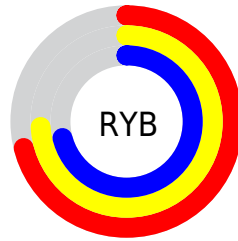
Distribution



Red (74%)

Green (74%)

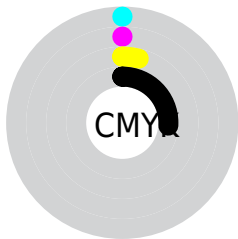
Blue (71%)



Red (71%)

Yellow (74%)

Blue (71%)

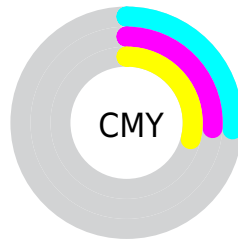


Cyan (0%)

Magenta (0%)

Yellow (4%)

Black (26%)



Cyan (26%)

Magenta (26%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 49.9531, 0.3189, 0.3392 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 49.9531, 0.3189, 0.3392 by changing the saturation by 10% instead.

■ 49.9531, 0.3189,
0.3392

■ 49.9531, 0.3189,
0.3392

386.4825, 0.3159,
0.3342

■ 35.3761, 0.3196,
0.3405

■ 90.1054, 0.3178,
0.3374

■ 23.9528, 0.3206,
0.3421

116.4495, 0.3174,
0.3367

■ 15.2986, 0.3219,
0.3442

147.4848, 0.3170,
0.3361

■ 9.0292, 0.3236,
0.3471

183.5956, 0.3167,
0.3356

■ 4.7602, 0.3262,
0.3515

225.1664, 0.3165,
0.3352

■ 2.1073, 0.3303,
0.3586

272.5816, 0.3162,

■ 0.6687, 0.3500,

0.3348

0.3898

326.2255, 0.3160,
0.3344

0.0000, 0.0000,
0.0000

49.9531, 0.3189,
0.3392

49.9531, 0.3189,
0.3392

49.2254, 0.3338,
0.3637

50.7891, 0.3046,
0.3156

48.5953, 0.3488,
0.3886

51.7308, 0.2910,
0.2932

48.0605, 0.3637,
0.4130

52.7842, 0.2784,
0.2724

47.6164, 0.3777,
0.4361

53.9388, 0.2670,
0.2535

47.2577, 0.3903,
0.4569

53.9536, 0.2670,
0.2535

■ 46.9786, 0.4010,
0.4745

■ 53.9684, 0.2670,
0.2536

■ 46.7729, 0.4094,
0.4883

■ 53.9832, 0.2670,
0.2536

■ 46.6332, 0.4152,
0.4978

■ 53.9980, 0.2670,
0.2537

■ 46.5504, 0.4185,
0.5031

■ 54.0128, 0.2670,
0.2537

Harmonies

Analogous

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



49.9531, 0.3229, 0.3378



49.9531, 0.3189, 0.3392



49.9531, 0.3132, 0.3378

Triad

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



49.9531, 0.3189, 0.3392



49.9531, 0.3014, 0.3238



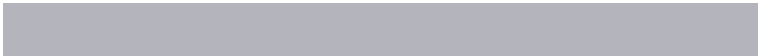
49.9531, 0.3179, 0.3241

Complementary

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



49.9531, 0.3189, 0.3392



45.9879, 0.3064, 0.3186

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.



49.9531, 0.3121, 0.3204



49.9531, 0.3189, 0.3392



49.9531, 0.3026, 0.3202

Square

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



49.9531, 0.3189, 0.3392



49.9531, 0.3032, 0.3289



49.9531, 0.3065, 0.3190



49.9531, 0.3224, 0.3290

Rectangle

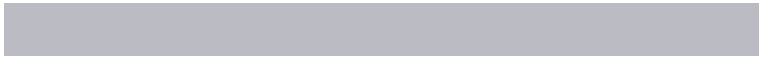
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



49.9531, 0.3189, 0.3392



49.9531, 0.3093, 0.3355



49.9531, 0.3065, 0.3190



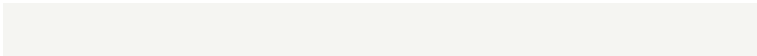
49.9531, 0.3161, 0.3226

Sweetspot

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



49.9553, 0.3189, 0.3392



90.9896, 0.3142, 0.3314



46.6404, 0.3195, 0.3288



19.5686, 0.3141, 0.3313



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.



49.9553, 0.3189, 0.3392



90.4048, 0.3201, 0.3412



49.4766, 0.3157, 0.3393



11.1802, 0.3209, 0.3425



31.6679, 0.4196, 0.5050



1.2414, 0.4196, 0.5051

Inverse Universe

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



45.9879, 0.3064, 0.3186



81.8718, 0.3051, 0.3165



46.4529, 0.3097, 0.3187



10.0178, 0.3043, 0.3151



2.4784, 0.1501, 0.0601



0.0981, 0.1502, 0.0607

Previews

White Background



This preview shows how the Yxy color 49.9531, 0.3189, 0.3392 looks on a white background.

Color Contrast Check

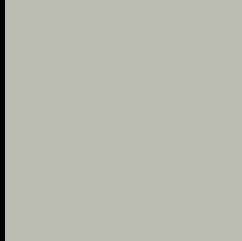
Large Text (above 18pt) WCAG AA × Fail

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 49.9531, 0.3189, 0.3392 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

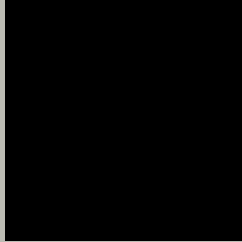
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

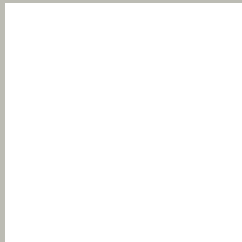
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 49.9531, 0.3189, 0.3392

Background



This preview shows how black text looks on a background with the Yxy color 49.9531, 0.3189, 0.3392.



This preview shows how white text looks on a background with the Yxy color 49.9531, 0.3189, 0.3392.

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

49.9531, 0.3189, 0.3392

Protanopia

50.1328, 0.3240, 0.3391

Deuteranopia

49.7938, 0.3362, 0.3291



Tritanopia

49.9444, 0.3062, 0.3104

Trichromacy



Original Color

49.9531, 0.3189, 0.3392

Protanomaly

49.8717, 0.3223, 0.3392

Deuteranomaly

50.0347, 0.3297, 0.3328

Tritanomaly

49.9152, 0.3106, 0.3202

Monochromacy



Original Color

49.9531, 0.3189, 0.3392

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.5661, 0.3150, 0.3328

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.9531, 0.3189, 0.3392 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(188, 188, 180)` looks like.

```
.text, #text, p{  
    color:rgb(188, 188, 180)  
}
```

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(188, 188, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 188, 180) }
```

Border

The CSS property to change the border of an element to Yxy 49.9531, 0.3189, 0.3392 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(188, 188, 180) }
```

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

```
.border{ border-color:rgb(188, 188, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 188, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 188, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 188, 180);  
box-shadow:4px 4px 4px 4px rgb(188, 188,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 49.9531, 0.3189, 0.3392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 188, 180) }
```

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

```
.background{ background-color: rgb(188,  
188, 180) }
```

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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