

Converting Colors

Yxy(49.6824, 0.3193, 0.3348)

Have a look what the booklet for
Yxy(49.6824, 0.3193, 0.3348)
contains.

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Color

Yxy(49.8652, 0.3191, 0.3354)

Conversions

Conversions Part 1

Format	Color
Hex	BEBBB6
RGB	190, 187, 182
RGB Percent	75%, 73%, 71%
CMY	0.2550, 0.2666, 0.2864
CMYK	0.00, 0.02, 0.04, 0.26
HSL	38°, 6%, 73%
HSV	38°, 4%, 74%
XYZ	47.4418, 49.8652, 51.3668
YIQ	187.3270, 3.3930, -0.9190

Conversions

Conversions Part 2

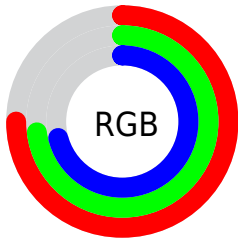
Format	Color
RYB	187, 190, 182
Decimal	12499894
CIELab	75.99, 0.13, 2.90
CIELCh	76, 2.907, 87.447
Yxy	49.8652, 0.3191, 0.3354
Android (android.graphics.Color)	4290689974 (0xFFBEBB6)
YUV	187.3270, -2.6262, 2.3442
Hunter-Lab	70.6153, -3.6542, 6.3021

Details

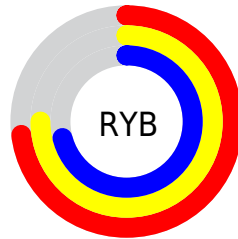
The Yxy color **49.8652, 0.3191, 0.3354** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.3291, 0.3064, 0.3225**, and the grayscale version is **49.9003, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.8671, 0.3177, 0.3340**, and **23.9535, 0.3214, 0.3376** is the 20% darker color. If you saturate the color by 10%, you get **46.2254, 0.3355, 0.3512**, and if you desaturate by 10%, it is **53.7618, 0.3044, 0.3205**.

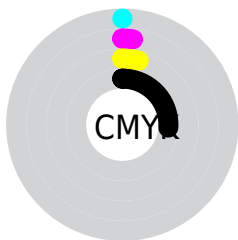
Distribution



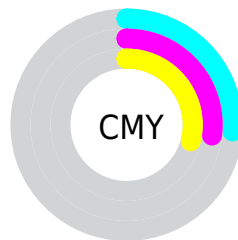
- Red (75%)
- Green (73%)
- Blue (71%)



- Red (73%)
- Yellow (75%)
- Blue (71%)



- Cyan (0%)
- Magenta (2%)
- Yellow (4%)
- Black (26%)



- Cyan (26%)
- Magenta (27%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 49.8652, 0.3191, 0.3354 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 49.8652, 0.3191, 0.3354 by changing the saturation by 10% instead.

■ 49.8652, 0.3191,
0.3354

■ 49.8652, 0.3191,
0.3354

386.1386, 0.3159,
0.3322

■ 35.3063, 0.3199,
0.3362

■ 89.9751, 0.3180,
0.3343

■ 23.8989, 0.3209,
0.3372

116.2949, 0.3175,
0.3338

■ 15.2587, 0.3222,
0.3385

147.3038, 0.3172,
0.3335

■ 9.0011, 0.3240,
0.3403

183.3862, 0.3169,
0.3332

■ 4.7419, 0.3267,
0.3430

224.9265, 0.3166,
0.3329

■ 2.0966, 0.3311,
0.3474

272.3090, 0.3163,

■ 0.6627, 0.3489,

0.3326

0.3653

325.9183, 0.3161,
0.3324

0.0000, 0.0000,
0.0000

49.8652, 0.3191,
0.3354

49.8652, 0.3191,
0.3354

46.2254, 0.3355,
0.3512

53.7618, 0.3044,
0.3205

42.8295, 0.3536,
0.3676

57.9147, 0.2914,
0.3065

39.6731, 0.3734,
0.3842

62.3320, 0.2798,
0.2937

36.7492, 0.3946,
0.4004

66.8266, 0.2712,
0.2849

34.0501, 0.4166,
0.4153

70.4850, 0.2719,
0.2928

■ 31.5679, 0.4387,
0.4278

■ 74.2991, 0.2726,
0.3008

■ 29.2936, 0.4599,
0.4367

■ 78.2705, 0.2733,
0.3086

■ 27.2173, 0.4790,
0.4412

■ 82.4013, 0.2740,
0.3163

■ 25.3273, 0.4951,
0.4405

■ 86.6931, 0.2747,
0.3238

Harmonies

Analogous

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



49.8652, 0.3205, 0.3332



49.8652, 0.3191, 0.3354



49.8652, 0.3160, 0.3359

Triad

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



49.8652, 0.3191, 0.3354



49.8652, 0.3057, 0.3280



49.8652, 0.3134, 0.3237

Complementary

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



49.8652, 0.3191, 0.3354



48.3291, 0.3064, 0.3225

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.



49.8652, 0.3094, 0.3223



49.8652, 0.3191, 0.3354



49.8652, 0.3050, 0.3247

Square

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



49.8652, 0.3191, 0.3354



49.8652, 0.3083, 0.3316



49.8652, 0.3064, 0.3227



49.8652, 0.3172, 0.3265

Rectangle

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



49.8652, 0.3191, 0.3354



49.8652, 0.3134, 0.3351



49.8652, 0.3064, 0.3227



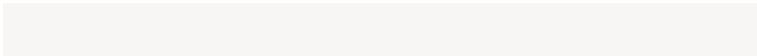
49.8652, 0.3120, 0.3230

Sweetspot

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



49.8674, 0.3191, 0.3354



92.5994, 0.3142, 0.3305



47.8944, 0.3171, 0.3251



20.3418, 0.3142, 0.3305



97.7402, 0.3127, 0.3290



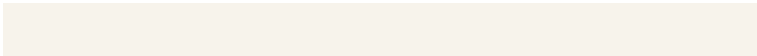
20.4902, 0.3127, 0.3290

Same Dimension

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



49.8674, 0.3191, 0.3354



89.8020, 0.3205, 0.3367



51.0158, 0.3181, 0.3391



10.8130, 0.3213, 0.3376



16.3216, 0.5020, 0.4396



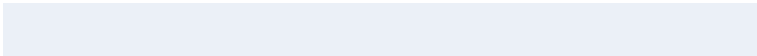
0.7605, 0.4774, 0.4591

Inverse Universe

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



48.3291, 0.3064, 0.3225



86.4558, 0.3051, 0.3211



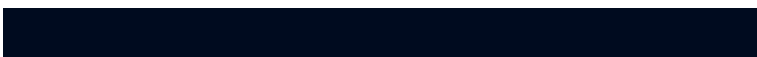
47.2188, 0.3073, 0.3187



10.3680, 0.3042, 0.3203



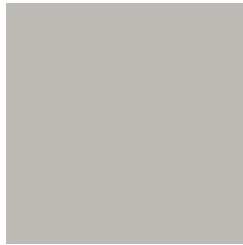
5.5464, 0.1666, 0.1197



0.3435, 0.1805, 0.1697

Previews

White Background



This preview shows how the Yxy color 49.8652, 0.3191, 0.3354 looks on a white background.

Color Contrast Check

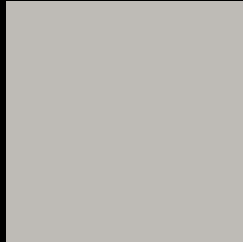
Large Text (above 18pt) WCAG AA × Fail

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 49.8652, 0.3191, 0.3354 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

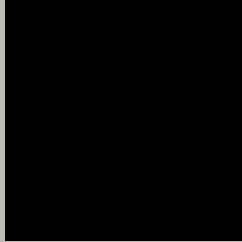
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

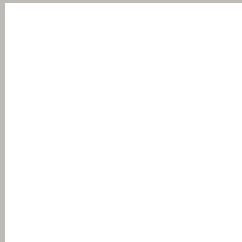
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 49.8652, 0.3191, 0.3354

Background



This preview shows how black text looks on a background with the Yxy color 49.8652, 0.3191, 0.3354.

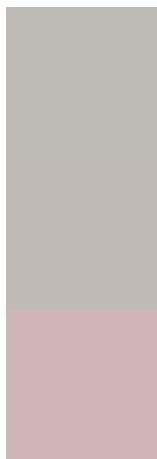


This preview shows how white text looks on a background with the Yxy color 49.8652, 0.3191, 0.3354.

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

49.8652, 0.3191, 0.3354

Protanopia

49.7017, 0.3209, 0.3341

Deuteranopia

49.7320, 0.3337, 0.3266



Tritanopia

49.7420, 0.3086, 0.3105

Trichromacy



Original Color

49.8652, 0.3191, 0.3354

Protanomaly

49.5716, 0.3200, 0.3341

Deuteranomaly

49.7034, 0.3282, 0.3290

Tritanomaly

49.7546, 0.3124, 0.3190

Monochromacy



Original Color

49.8652, 0.3191, 0.3354

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.7348, 0.3151, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.8652, 0.3191, 0.3354 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(190, 187, 182)` looks like.

```
.text, #text, p{  
    color:rgb(190, 187, 182)  
}
```

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(190, 187, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 187, 182) }
```

Border

The CSS property to change the border of an element to Yxy 49.8652, 0.3191, 0.3354 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(190, 187, 182) }
```

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

```
.border{ border-color:rgb(190, 187, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 187, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 187, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 187, 182);  
box-shadow:4px 4px 4px 4px rgb(190, 187,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 49.8652, 0.3191, 0.3354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 187, 182) }
```

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

```
.background{ background-color: rgb(190,  
187, 182) }
```

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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