

Converting Colors

$Yxy(49.3098, 0.3159, 0.3239)$

Have a look what the booklet for
Yxy(49.3098, 0.3159, 0.3239)
contains.

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Color

Yxy(49.1183, 0.3163, 0.3240)

Conversions

Conversions Part 1

Format	Color
Hex	C0B8BC
RGB	192, 184, 188
RGB Percent	75%, 72%, 74%
CMY	0.2472, 0.2784, 0.2627
CMYK	0.00, 0.04, 0.02, 0.25
HSL	330°, 6%, 74%
HSV	330°, 4%, 75%
XYZ	47.9510, 49.1183, 54.5304
YIQ	186.8480, 3.4840, 2.9400

Conversions

Conversions Part 2

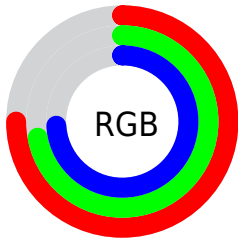
Format	Color
R _Y B	192, 184, 188
Decimal	12630204
CIE Lab	75.52, 3.53, -1.02
CIE LCh	76, 3.679, 343.821
Yxy	49.1183, 0.3163, 0.3240
Android (android.graphics.Color)	4290820284 (0xFFC0B8BC)
YUV	186.8480, 0.5679, 4.5183
Hunter-Lab	70.0844, -0.5201, 2.9275

Details

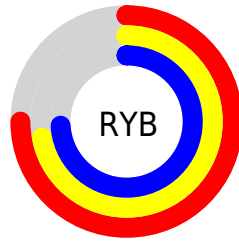
The Yxy color **49.1183, 0.3163, 0.3240** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.5107, 0.3093, 0.3341**, and the grayscale version is **49.5986, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.8083, 0.3155, 0.3251**, and **23.4708, 0.3176, 0.3222** is the 20% darker color. If you saturate the color by 10%, you get **41.2781, 0.3262, 0.3114**, and if you desaturate by 10%, it is **58.0725, 0.3081, 0.3358**.

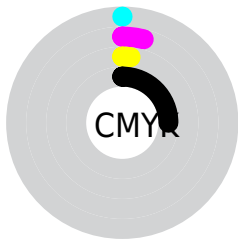
Distribution



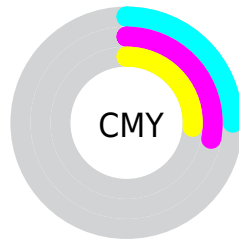
- Red (75%)
- Green (72%)
- Blue (74%)



- Red (75%)
- Yellow (72%)
- Blue (74%)



- Cyan (0%)
- Magenta (4%)
- Yellow (2%)
- Black (25%)



- Cyan (25%)
- Magenta (28%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 49.1183, 0.3163, 0.3240 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 49.1183, 0.3163, 0.3240 by changing the saturation by 10% instead.

■ 49.1183, 0.3163,
0.3240

■ 49.1183, 0.3163,
0.3240

383.2079, 0.3145,
0.3265

■ 34.7133, 0.3167,
0.3234

■ 88.8671, 0.3157,
0.3249

■ 23.4421, 0.3173,
0.3226

114.9798, 0.3154,
0.3252

■ 14.9203, 0.3180,
0.3216

145.7638, 0.3152,
0.3255

■ 8.7635, 0.3190,
0.3202

181.6035, 0.3150,
0.3258

■ 4.5872, 0.3206,
0.3181

222.8834, 0.3149,
0.3260

■ 2.0072, 0.3230,
0.3146

269.9878, 0.3148,

■ 0.6116, 0.3310,

0.3262

0.3033

323.3012, 0.3146,
0.3263

0.0000, 0.0000,
0.0000

49.1183, 0.3163,
0.3240

49.1183, 0.3163,
0.3240

41.2781, 0.3262,
0.3114

58.0725, 0.3081,
0.3358

34.5018, 0.3381,
0.2983

68.1758, 0.3014,
0.3468

28.7448, 0.3522,
0.2850

79.4694, 0.2958,
0.3569

23.9567, 0.3689,
0.2720

88.2322, 0.2909,
0.3602

20.0830, 0.3882,
0.2602

88.7741, 0.2859,
0.3495

■ 17.0638, 0.4099,
0.2506

■ 89.3458, 0.2810,
0.3391

■ 14.8317, 0.4335,
0.2444

■ 89.9433, 0.2762,
0.3289

■ 13.3092, 0.4580,
0.2429

■ 12.4027, 0.4822,
0.2467

Harmonies

Analogous

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



49.1183, 0.3112, 0.3212



49.1183, 0.3163, 0.3240



49.1183, 0.3205, 0.3282

Triad

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



49.1183, 0.3163, 0.3240



49.1183, 0.3189, 0.3378



49.1183, 0.3030, 0.3253

Complementary

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



49.1183, 0.3163, 0.3240



51.5107, 0.3093, 0.3341

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.



49.1183, 0.3050, 0.3298



49.1183, 0.3163, 0.3240



49.1183, 0.3142, 0.3370

Square

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



49.1183, 0.3163, 0.3240



49.1183, 0.3220, 0.3361



49.1183, 0.3091, 0.3341



49.1183, 0.3036, 0.3219

Rectangle

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



49.1183, 0.3163, 0.3240



49.1183, 0.3221, 0.3312



49.1183, 0.3091, 0.3341



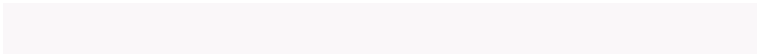
49.1183, 0.3034, 0.3268

Sweetspot

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



49.1204, 0.3163, 0.3240



93.8905, 0.3136, 0.3278



48.7647, 0.3098, 0.3189



20.1601, 0.3135, 0.3279



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.



49.1204, 0.3163, 0.3240



87.6199, 0.3171, 0.3229



48.9563, 0.3194, 0.3289



10.8409, 0.3176, 0.3222



8.1269, 0.4933, 0.2491



0.3651, 0.4448, 0.2224

Inverse Universe

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



49.1204, 0.3163, 0.3240



87.6199, 0.3171, 0.3229



51.6792, 0.3064, 0.3292



10.8409, 0.3176, 0.3222



8.1269, 0.4933, 0.2491



0.3651, 0.4448, 0.2224

Previews

White Background



This preview shows how the Yxy color 49.1183, 0.3163, 0.3240 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 49.1183, 0.3163, 0.3240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

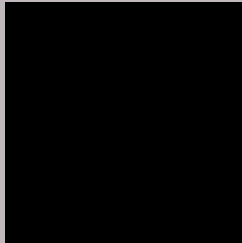
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

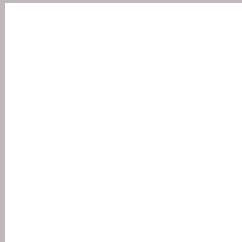
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 49.1183, 0.3163, 0.3240

Background



This preview shows how black text looks on a background with the Yxy color 49.1183, 0.3163, 0.3240.



This preview shows how white text looks on a background with the Yxy color 49.1183, 0.3163, 0.3240.

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

49.1183, 0.3163, 0.3240

Protanopia

49.0634, 0.3121, 0.3239

Deuteranopia

49.0131, 0.3253, 0.3180



Tritanopia

49.2356, 0.3102, 0.3117

Trichromacy



Original Color

49.1183, 0.3163, 0.3240

Protanomaly

49.1909, 0.3130, 0.3240

Deuteranomaly

48.8640, 0.3218, 0.3192

Tritanomaly

49.0995, 0.3125, 0.3153

Monochromacy



Original Color

49.1183, 0.3163, 0.3240

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.5245, 0.3144, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.1183, 0.3163, 0.3240 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(192, 184, 188)` looks like.

```
.text, #text, p{  
    color:rgb(192, 184, 188)  
}
```

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(192, 184, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 184, 188) }
```

Border

The CSS property to change the border of an element to Yxy 49.1183, 0.3163, 0.3240 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(192, 184, 188) }
```

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

```
.border{ border-color:rgb(192, 184, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 184, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 184, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 184, 188);  
box-shadow:4px 4px 4px 4px rgb(192, 184,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 49.1183, 0.3163, 0.3240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 184, 188) }
```

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

```
.background{ background-color: rgb(192,  
184, 188) }
```

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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