

Converting Colors

$Yxy(49.3454, 0.3181, 0.3201)$

Have a look what the booklet for
Yxy(49.3454, 0.3181, 0.3201)
contains.

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Color

Yxy(49.3204, 0.3182, 0.3203)

Conversions

Conversions Part 1

Format	Color
Hex	C4B7BE
RGB	196, 183, 190
RGB Percent	77%, 72%, 75%
CMY	0.2313, 0.2824, 0.2548
CMYK	0.00, 0.07, 0.03, 0.23
HSL	328°, 10%, 74%
HSV	328°, 7%, 77%
XYZ	48.9970, 49.3204, 55.6645
YIQ	187.6850, 5.5010, 4.9330

Conversions

Conversions Part 2

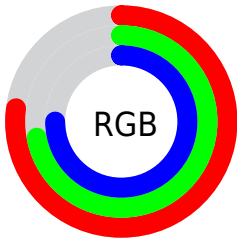
Format	Color
R _Y B	196, 183, 190
Decimal	12892094
CIE Lab	75.65, 5.87, -1.90
CIE LCh	76, 6.167, 342.033
Yxy	49.3204, 0.3182, 0.3203
Android (android.graphics.Color)	4291082174 (0xFFC4B7BE)
YUV	187.6850, 1.1413, 7.2923
Hunter-Lab	70.2285, 1.6361, 2.1655

Details

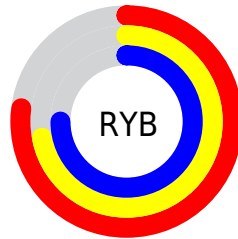
The Yxy color $49.3204, 0.3182, 0.3203$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $53.2271, 0.3076, 0.3379$, and the grayscale version is $50.0951, 0.3127, 0.3290$.

A 20% lighter version of the original color is $89.2695, 0.3177, 0.3222$, and $23.5222, 0.3191, 0.3173$ is the 20% darker color. If you saturate the color by 10%, you get $41.4093, 0.3278, 0.3066$, and if you desaturate by 10%, it is $58.3863, 0.3102, 0.3333$.

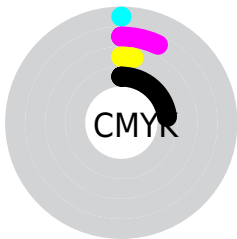
Distribution



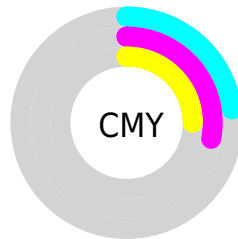
- Red (77%)
- Green (72%)
- Blue (75%)



- Red (77%)
- Yellow (72%)
- Blue (75%)



- Cyan (0%)
- Magenta (7%)
- Yellow (3%)
- Black (23%)



- Cyan (23%)
- Magenta (28%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.3204, 0.3182, 0.3203 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 49.3204, 0.3182, 0.3203 by changing the saturation by 10% instead.


 49.3204, 0.3182,
0.3203

 49.3204, 0.3182,
0.3203


384.0023, 0.3155,
0.3246

 34.8737, 0.3189,
0.3192


 89.1671, 0.3172,
0.3218

 23.5656, 0.3197,
0.3179


115.3360, 0.3169,
0.3224

 15.0117, 0.3208,
0.3161


146.1810, 0.3165,
0.3229

 8.8276, 0.3224,
0.3137

182.0865, 0.3163,
0.3234

 4.6289, 0.3246,
0.3101

223.4370, 0.3160,
0.3237

 2.0312, 0.3283,
0.3044

270.6169, 0.3158,

 0.6255, 0.3388,

0.3240

0.2873

324.0105, 0.3157,
0.3243

0.0000, 0.0000,
0.0000

49.3204, 0.3182,
0.3203

49.3204, 0.3182,
0.3203

41.4093, 0.3278,
0.3066

58.3863, 0.3102,
0.3333

34.5998, 0.3393,
0.2924

68.6446, 0.3036,
0.3453

28.8442, 0.3530,
0.2781

80.1390, 0.2981,
0.3565

24.0886, 0.3688,
0.2644

88.7551, 0.2933,
0.3602

20.2746, 0.3870,
0.2521

89.2640, 0.2886,
0.3502

■ 17.3373, 0.4072,
0.2424

■ 89.7994, 0.2839,
0.3404

■ 15.2037, 0.4288,
0.2365

■ 90.3616, 0.2793,
0.3308

■ 13.7887, 0.4510,
0.2355

■ 90.4777, 0.2784,
0.3289

■ 12.9806, 0.4727,
0.2398

Harmonies

Analogous

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



49.3204, 0.3096, 0.3158



49.3204, 0.3182, 0.3203



49.3204, 0.3254, 0.3271

Triad

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



49.3204, 0.3182, 0.3203



49.3204, 0.3234, 0.3436



49.3204, 0.2966, 0.3232

Complementary

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



49.3204, 0.3182, 0.3203



53.2271, 0.3076, 0.3379

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.



49.3204, 0.3002, 0.3308



49.3204, 0.3182, 0.3203



49.3204, 0.3156, 0.3427

Square

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



49.3204, 0.3182, 0.3203



49.3204, 0.3284, 0.3406



49.3204, 0.3071, 0.3380



49.3204, 0.2973, 0.3173

Rectangle

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



49.3204, 0.3182, 0.3203



49.3204, 0.3283, 0.3321



49.3204, 0.3071, 0.3380



49.3204, 0.2974, 0.3256

Sweetspot

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



49.3225, 0.3182, 0.3203



96.6388, 0.3143, 0.3264



48.6527, 0.3075, 0.3127



20.7199, 0.3142, 0.3265



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



49.3225, 0.3182, 0.3203



87.0777, 0.3195, 0.3183



49.0499, 0.3233, 0.3282



10.1667, 0.3206, 0.3166



8.2238, 0.4771, 0.2402



0.3691, 0.4331, 0.2160

Inverse Universe

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



49.3225, 0.3182, 0.3203



87.0777, 0.3195, 0.3183



53.5100, 0.3030, 0.3298



10.1667, 0.3206, 0.3166



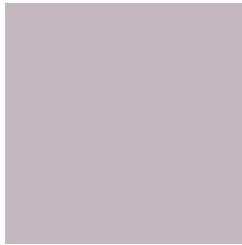
8.2238, 0.4771, 0.2402



0.3691, 0.4331, 0.2160

Previews

White Background



This preview shows how the Yxy color 49.3204, 0.3182, 0.3203 looks on a white background.

Color Contrast Check

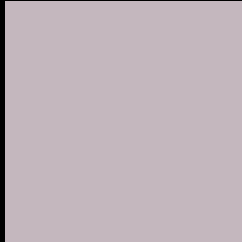
Large Text (above 18pt) WCAG AA × Fail

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 49.3204, 0.3182, 0.3203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

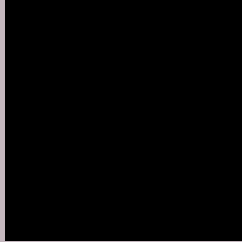
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

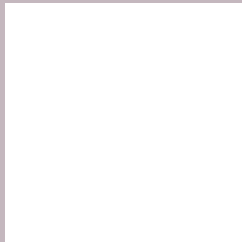
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 49.3204, 0.3182, 0.3203

Background



This preview shows how black text looks on a background with the Yxy color 49.3204, 0.3182, 0.3203.



This preview shows how white text looks on a background with the Yxy color 49.3204, 0.3182, 0.3203.

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

49.3204, 0.3182, 0.3203

Protanopia

49.1509, 0.3106, 0.3214

Deuteranopia

49.4620, 0.3244, 0.3181



Tritanopia

49.3117, 0.3144, 0.3118

Trichromacy



Original Color

49.3204, 0.3182, 0.3203

Protanomaly

49.1189, 0.3131, 0.3202

Deuteranomaly

49.4530, 0.3217, 0.3192

Tritanomaly

49.2213, 0.3159, 0.3142

Monochromacy



Original Color

49.3204, 0.3182, 0.3203

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

49.8683, 0.3146, 0.3252

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.3204, 0.3182, 0.3203 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(196, 183, 190)` looks like.

```
.text, #text, p{  
    color:rgb(196, 183, 190)  
}
```

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(196, 183, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 183, 190) }
```

Border

The CSS property to change the border of an element to Yxy 49.3204, 0.3182, 0.3203 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(196, 183, 190) }
```

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

```
.border{ border-color:rgb(196, 183, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 183, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 183, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 183, 190);  
box-shadow:4px 4px 4px 4px rgb(196, 183,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 49.3204, 0.3182, 0.3203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 183, 190) }
```

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

```
.background{ background-color: rgb(196,  
183, 190) }
```

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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