

Converting Colors

$Yxy(49.6451, 0.3204, 0.3209)$

Have a look what the booklet for
Yxy(49.6451, 0.3204, 0.3209)
contains.

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Color

Yxy(49.5904, 0.3199, 0.3204)

Conversions

Conversions Part 1

Format	Color
Hex	C6B7BE
RGB	198, 183, 190
RGB Percent	78%, 72%, 75%
CMY	0.2236, 0.2823, 0.2549
CMYK	0.00, 0.08, 0.04, 0.22
HSL	332°, 12%, 75%
HSV	332°, 8%, 78%
XYZ	49.5130, 49.5904, 55.6731
YIQ	188.2830, 6.6930, 5.3570

Conversions

Conversions Part 2

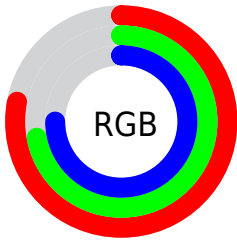
Format	Color
R _Y B	198, 183, 190
Decimal	13023166
CIE Lab	75.82, 6.55, -1.62
CIE LCh	76, 6.747, 346.083
Yxy	49.5904, 0.3199, 0.3204
Android (android.graphics.Color)	4291213246 (0xFFC6B7BE)
YUV	188.2830, 0.8465, 8.5218
Hunter-Lab	70.4205, 2.2686, 2.4207

Details

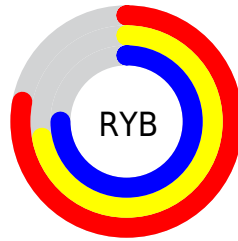
The Yxy color $49.5904, 0.3199, 0.3204$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $54.2125, 0.3061, 0.3378$, and the grayscale version is $50.4509, 0.3127, 0.3290$.

A 20% lighter version of the original color is $89.6468, 0.3190, 0.3222$, and $23.7007, 0.3214, 0.3174$ is the 20% darker color. If you saturate the color by 10%, you get $41.5455, 0.3311, 0.3085$, and if you desaturate by 10%, it is $58.8220, 0.3106, 0.3317$.

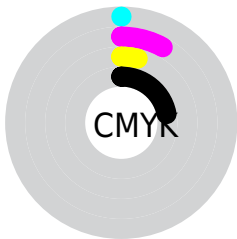
Distribution



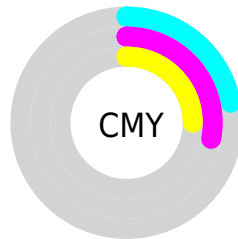
- Red (78%)
- Green (72%)
- Blue (75%)



- Red (78%)
- Yellow (72%)
- Blue (75%)



- Cyan (0%)
- Magenta (8%)
- Yellow (4%)
- Black (22%)




- Cyan (22%)
- Magenta (28%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.5904, 0.3199, 0.3204 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 49.5904, 0.3199, 0.3204 by changing the saturation by 10% instead.

 49.5904, 0.3199,
0.3204

 49.5904, 0.3199,
0.3204

385.0620, 0.3164,
0.3246

 35.0881, 0.3208,
0.3194


 89.5677, 0.3186,
0.3219

 23.7307, 0.3219,
0.3180


115.8114, 0.3181,
0.3225

 15.1340, 0.3233,
0.3163


146.7378, 0.3177,
0.3230

 8.9135, 0.3254,
0.3139

182.7311, 0.3174,
0.3234

 4.6848, 0.3283,
0.3104

224.1757, 0.3171,
0.3238

 2.0635, 0.3331,
0.3047

271.4562, 0.3168,

 0.6440, 0.3461,

0.3241

0.2887

324.9568, 0.3166,
0.3244

0.0000, 0.0000,
0.0000

49.5904, 0.3199,
0.3204

49.5904, 0.3199,
0.3204

41.5455, 0.3311,
0.3085

58.8220, 0.3106,
0.3317

34.6324, 0.3447,
0.2961

69.2794, 0.3030,
0.3422

28.8015, 0.3608,
0.2836

81.0079, 0.2967,
0.3518

23.9969, 0.3798,
0.2717

89.3650, 0.2912,
0.3533

20.1579, 0.4017,
0.2614

89.9847, 0.2857,
0.3418

■ 17.2171, 0.4262,
0.2536

■ 90.6410, 0.2802,
0.3306

■ 15.0983, 0.4525,
0.2497

■ 90.7440, 0.2794,
0.3289

■ 13.7125, 0.4792,
0.2508

■ 12.9329, 0.5050,
0.2572

Harmonies

Analogous

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



49.5904, 0.3106, 0.3150



49.5904, 0.3199, 0.3204



49.5904, 0.3273, 0.3280

Triad

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



49.5904, 0.3199, 0.3204



49.5904, 0.3234, 0.3451



49.5904, 0.2950, 0.3216

Complementary

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



49.5904, 0.3199, 0.3204



54.2125, 0.3061, 0.3378

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.



49.5904, 0.2983, 0.3298



49.5904, 0.3199, 0.3204



49.5904, 0.3146, 0.3435

Square

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



49.5904, 0.3199, 0.3204



49.5904, 0.3294, 0.3423



49.5904, 0.3055, 0.3379



49.5904, 0.2963, 0.3156

Rectangle

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



49.5904, 0.3199, 0.3204



49.5904, 0.3302, 0.3334



49.5904, 0.3055, 0.3379



49.5904, 0.2956, 0.3242

Sweetspot

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



49.5926, 0.3199, 0.3204



96.6150, 0.3145, 0.3267



49.0238, 0.3078, 0.3104



20.7150, 0.3145, 0.3268



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.



49.5926, 0.3199, 0.3204



85.4574, 0.3215, 0.3186



49.5008, 0.3255, 0.3297



10.7179, 0.3218, 0.3183



8.3308, 0.5081, 0.2573



0.4091, 0.4591, 0.2303

Inverse Universe

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



49.5926, 0.3199, 0.3204



85.4574, 0.3215, 0.3186



54.2996, 0.3011, 0.3283



10.7179, 0.3218, 0.3183



8.3308, 0.5081, 0.2573



0.4091, 0.4591, 0.2303

Previews

White Background



This preview shows how the Yxy color 49.5904, 0.3199, 0.3204 looks on a white background.

Color Contrast Check

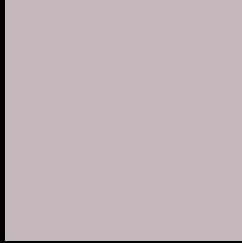
Large Text (above 18pt) WCAG AA × Fail

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 49.5904, 0.3199, 0.3204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

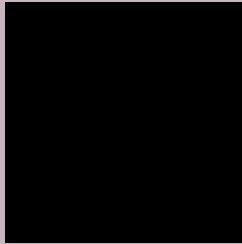
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

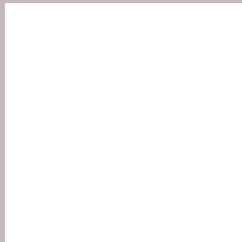
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 49.5904, 0.3199, 0.3204

Background



This preview shows how black text looks on a background with the Yxy color 49.5904, 0.3199, 0.3204.



This preview shows how white text looks on a background with the Yxy color 49.5904, 0.3199, 0.3204.

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

49.5904, 0.3199, 0.3204

Protanopia

49.7424, 0.3106, 0.3215

Deuteranopia

49.4620, 0.3244, 0.3181



Tritanopia

49.5835, 0.3161, 0.3119

Trichromacy



Original Color

49.5904, 0.3199, 0.3204

Protanomaly

49.6660, 0.3139, 0.3215

Deuteranomaly

49.5911, 0.3226, 0.3192

Tritanomaly

49.4931, 0.3176, 0.3143

Monochromacy



Original Color

49.5904, 0.3199, 0.3204

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

49.9984, 0.3154, 0.3253

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.5904, 0.3199, 0.3204 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(198, 183, 190)` looks like.

```
.text, #text, p{  
    color:rgb(198, 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(198, 183, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 183, 190) }
```

Border

The CSS property to change the border of an element to Yxy 49.5904, 0.3199, 0.3204 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(198, 183, 190) }
```

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

```
.border{ border-color:rgb(198, 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(198, 183, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 183, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 183, 190);  
box-shadow:4px 4px 4px 4px rgb(198, 183,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 49.5904, 0.3199, 0.3204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 183, 190) }
```

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

```
.background{ background-color: rgb(198,  
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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