

Converting Colors

$Y_{xy}(49.9200, 0.3266, 0.3195)$

Have a look what the booklet for
Yxy(49.9200, 0.3266, 0.3195)
contains.

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Color

Yxy(49.7010, 0.3269, 0.3193)

Conversions

Conversions Part 1

Format	Color
Hex	CDB5BD
RGB	205, 181, 189
RGB Percent	80%, 71%, 74%
CMY	0.1962, 0.2902, 0.2587
CMYK	0.00, 0.12, 0.08, 0.20
HSL	340°, 19%, 76%
HSV	340°, 12%, 80%
XYZ	50.8840, 49.7010, 55.0711
YIQ	189.0880, 11.7360, 7.5760

Conversions

Conversions Part 2

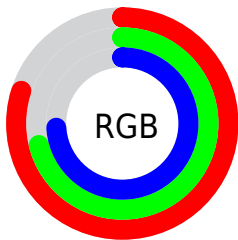
Format	Color
R _Y B	205, 181, 189
Decimal	13481405
CIE Lab	75.89, 9.93, -0.93
CIE LCh	76, 9.978, 354.671
Yxy	49.7010, 0.3269, 0.3193
Android (android.graphics.Color)	4291671485 (0xFFCDB5BD)
YUV	189.0880, -0.0434, 13.9548
Hunter-Lab	70.4989, 5.4627, 3.0341

Details

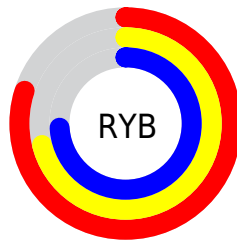
The Yxy color $49.7010, 0.3269, 0.3193$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $57.5071, 0.3003, 0.3389$, and the grayscale version is $50.9378, 0.3127, 0.3290$.

A 20% lighter version of the original color is $88.4209, 0.3197, 0.3212$, and $23.7952, 0.3310, 0.3160$ is the 20% darker color. If you saturate the color by 10%, you get $41.4060, 0.3420, 0.3105$, and if you desaturate by 10%, it is $59.2825, 0.3146, 0.3276$.

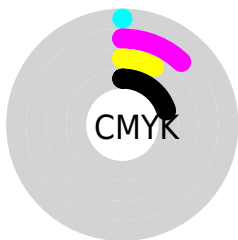
Distribution



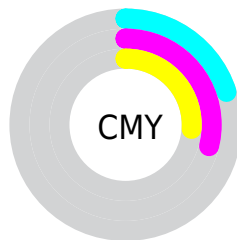
- Red (80%)
- Green (71%)
- Blue (74%)



- Red (80%)
- Yellow (71%)
- Blue (74%)



- Cyan (0%)
- Magenta (12%)
- Yellow (8%)
- Black (20%)





- Cyan (20%)
- Magenta (29%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.7010, 0.3269, 0.3193 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 49.7010, 0.3269, 0.3193 by changing the saturation by 10% instead.

 49.7010, 0.3269,
0.3193

 49.7010, 0.3269,
0.3193


385.4955, 0.3199,
0.3241

 35.1759, 0.3286,
0.3181

 89.7317, 0.3244,
0.3210

 23.7984, 0.3308,
0.3166

116.0061, 0.3234,
0.3217

 15.1841, 0.3337,
0.3147


146.9657, 0.3226,
0.3222

 8.9487, 0.3378,
0.3119


182.9949, 0.3219,
0.3227

 4.7077, 0.3437,
0.3079

224.4780, 0.3213,
0.3231

 2.0768, 0.3533,
0.3015

271.7996, 0.3208,

 0.6515, 0.3768,

0.3235

0.2848

325.3440, 0.3203,
0.3238

0.0000, 0.0000,
0.0000

49.7010, 0.3269,
0.3193

49.7010, 0.3269,
0.3193

41.4060, 0.3420,
0.3105

59.2825, 0.3146,
0.3276

34.3360, 0.3604,
0.3014

70.1955, 0.3045,
0.3354

28.4345, 0.3825,
0.2925

82.4908, 0.2963,
0.3425

23.6376, 0.4088,
0.2844

91.0030, 0.2892,
0.3409

19.8754, 0.4390,
0.2781

91.7162, 0.2832,
0.3289

■ 17.0700, 0.4724,
0.2748

■ 15.1322, 0.5071,
0.2755

■ 13.9557, 0.5404,
0.2812

■ 13.4006, 0.5654,
0.2888

Harmonies

Analogous

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



49.7010, 0.3135, 0.3103



49.7010, 0.3269, 0.3193



49.7010, 0.3366, 0.3309

Triad

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



49.7010, 0.3269, 0.3193



49.7010, 0.3250, 0.3530



49.7010, 0.2865, 0.3150

Complementary

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



49.7010, 0.3269, 0.3193



57.5071, 0.3003, 0.3389

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.



49.7010, 0.2894, 0.3264



49.7010, 0.3269, 0.3193



49.7010, 0.3115, 0.3488

Square

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



49.7010, 0.3269, 0.3193



49.7010, 0.3354, 0.3504



49.7010, 0.2985, 0.3389



49.7010, 0.2904, 0.3076

Rectangle

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



49.7010, 0.3269, 0.3193



49.7010, 0.3395, 0.3386



49.7010, 0.2985, 0.3389



49.7010, 0.2867, 0.3184

Sweetspot

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



49.7032, 0.3269, 0.3193



93.2344, 0.3173, 0.3257



49.2734, 0.3071, 0.2998



19.6922, 0.3181, 0.3251



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.



49.7032, 0.3269, 0.3193



77.8630, 0.3304, 0.3172



50.8457, 0.3330, 0.3334



11.2746, 0.3238, 0.3213



8.3602, 0.5616, 0.2867



0.4454, 0.5060, 0.2561

Inverse Universe

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



49.7032, 0.3269, 0.3193



77.8630, 0.3304, 0.3172



56.1842, 0.2949, 0.3245



11.2746, 0.3238, 0.3213



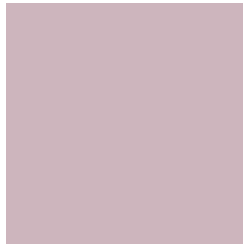
8.3602, 0.5616, 0.2867



0.4454, 0.5060, 0.2561

Previews

White Background



This preview shows how the Yxy color 49.7010, 0.3269, 0.3193 looks on a white background.

Color Contrast Check

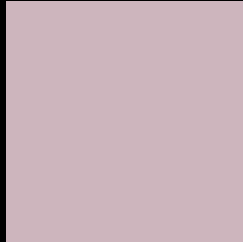
Large Text (above 18pt) WCAG AA × Fail

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 49.7010, 0.3269, 0.3193 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 49.7010, 0.3269, 0.3193

Background



This preview shows how black text looks on a background with the Yxy color 49.7010, 0.3269, 0.3193.



This preview shows how white text looks on a background with the Yxy color 49.7010, 0.3269, 0.3193.

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

49.7010, 0.3269, 0.3193

Protanopia

49.7424, 0.3106, 0.3215

Deuteranopia

49.5592, 0.3261, 0.3193



Tritanopia

49.6594, 0.3238, 0.3122

Trichromacy



Original Color

49.7010, 0.3269, 0.3193

Protanomaly

49.6447, 0.3165, 0.3203

Deuteranomaly

49.5592, 0.3261, 0.3193

Tritanomaly

49.5701, 0.3255, 0.3145

Monochromacy



Original Color

49.7010, 0.3269, 0.3193

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

50.3940, 0.3179, 0.3253

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.7010, 0.3269, 0.3193 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(205, 181, 189)` looks like.

```
.text, #text, p{  
    color:rgb(205, 181, 189)  
}
```

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(205, 181, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 181, 189) }
```

Border

The CSS property to change the border of an element to Yxy 49.7010, 0.3269, 0.3193 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(205, 181, 189) }
```

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

```
.border{ border-color:rgb(205, 181, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 181, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 181, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 181, 189);  
box-shadow:4px 4px 4px 4px rgb(205, 181,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 49.7010, 0.3269, 0.3193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 181, 189) }
```

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

```
.background{ background-color: rgb(205,  
181, 189) }
```

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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