

Converting Colors

Yxy(49.8872, 0.3075, 0.3177)

Have a look what the booklet for
Yxy(49.8872, 0.3075, 0.3177)
contains.

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Color

Yxy(49.7493, 0.3075, 0.3177)

Conversions

Conversions Part 1

Format	Color
Hex	BCBAC3
RGB	188, 186, 195
RGB Percent	74%, 73%, 76%
CMY	0.2626, 0.2706, 0.2353
CMYK	0.04, 0.05, 0.00, 0.24
HSL	254°, 7%, 75%
HSV	254°, 5%, 76%
XYZ	48.1521, 49.7493, 58.6907
YIQ	187.6240, -1.6970, 3.2230

Conversions

Conversions Part 2

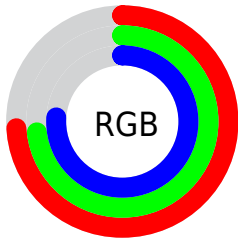
Format	Color
R _Y B	188, 186, 195
Decimal	12368579
CIE Lab	75.92, 2.41, -4.29
CIE LCh	76, 4.921, 299.274
Yxy	49.7493, 0.3075, 0.3177
Android (android.graphics.Color)	4290558659 (0xFFBCBAC3)
YUV	187.6240, 3.6364, 0.3298
Hunter-Lab	70.5332, -1.5735, 0.0380

Details

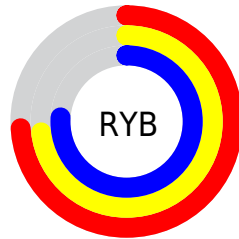
The Yxy color $49.7493, 0.3075, 0.3177$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $53.9062, 0.3178, 0.3402$, and the grayscale version is $50.0475, 0.3127, 0.3290$.

A 20% lighter version of the original color is $89.7656, 0.3080, 0.3192$, and $23.8490, 0.3066, 0.3154$ is the 20% darker color. If you saturate the color by 10%, you get $40.2690, 0.2949, 0.2911$, and if you desaturate by 10%, it is $60.5558, 0.3184, 0.3414$.

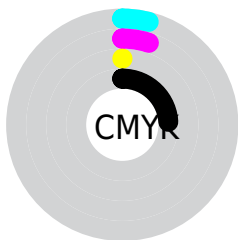
Distribution



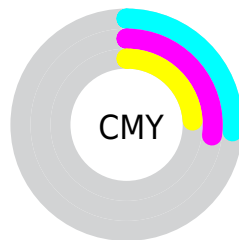
- Red (74%)
- Green (73%)
- Blue (76%)



- Red (74%)
- Yellow (73%)
- Blue (76%)



- Cyan (4%)
- Magenta (5%)
- Yellow (0%)
- Black (24%)



- Cyan (26%)
- Magenta (27%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 49.7493, 0.3075, 0.3177 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 49.7493, 0.3075, 0.3177 by changing the saturation by 10% instead.

■ 49.7493, 0.3075,
0.3177

■ 49.7493, 0.3075,
0.3177

■ 385.6847, 0.3101,
0.3233

■ 35.2142, 0.3069,
0.3163

■ 89.8033, 0.3084,
0.3197

■ 23.8280, 0.3060,
0.3146

■ 116.0911, 0.3088,
0.3205

■ 15.2060, 0.3049,
0.3123

■ 147.0652, 0.3091,
0.3211

■ 8.9641, 0.3034,
0.3092

■ 183.1100, 0.3093,
0.3217

■ 4.7178, 0.3012,
0.3045

■ 224.6100, 0.3096,
0.3221

■ 2.0826, 0.2975,
0.2972

■ 271.9495, 0.3098,

■ 0.6548, 0.2899,

0.3226

0.2787

325.5130, 0.3099,
0.3229

0.0000, 0.0000,
0.0000

49.7493, 0.3075,
0.3177

49.7493, 0.3075,
0.3177

40.2690, 0.2949,
0.2911

60.5558, 0.3184,
0.3414

32.0573, 0.2806,
0.2619

72.7306, 0.3277,
0.3624

25.0617, 0.2646,
0.2304

86.3217, 0.3356,
0.3808

19.2235, 0.2471,
0.1975

95.4983, 0.3440,
0.3889

14.4793, 0.2288,
0.1646

96.7199, 0.3484,
0.3880

■ 10.7592, 0.2105,
0.1336

■ 7.9854, 0.1933,
0.1067

■ 6.0682, 0.1784,
0.0857

■ 4.9001, 0.1668,
0.0718

Harmonies

Analogous

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



49.7493, 0.3022, 0.3181



49.7493, 0.3075, 0.3177



49.7493, 0.3142, 0.3202

Triad

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



49.7493, 0.3075, 0.3177



49.7493, 0.3259, 0.3364



49.7493, 0.3049, 0.3330

Complementary

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



49.7493, 0.3075, 0.3177



53.9062, 0.3178, 0.3402

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.



49.7493, 0.3111, 0.3380



49.7493, 0.3075, 0.3177



49.7493, 0.3233, 0.3400

Square

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



49.7493, 0.3075, 0.3177



49.7493, 0.3249, 0.3309



49.7493, 0.3179, 0.3406



49.7493, 0.3007, 0.3269

Rectangle

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



49.7493, 0.3075, 0.3177



49.7493, 0.3186, 0.3233



49.7493, 0.3179, 0.3406



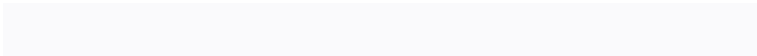
49.7493, 0.3068, 0.3349

Sweetspot

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



49.7514, 0.3075, 0.3177



95.7972, 0.3116, 0.3266



52.5388, 0.3057, 0.3265



20.9994, 0.3117, 0.3267



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.



49.7514, 0.3075, 0.3177



86.4517, 0.3058, 0.3140



50.3216, 0.3111, 0.3178



10.4504, 0.3052, 0.3128



2.9396, 0.1628, 0.0671



0.1589, 0.1860, 0.0798

Inverse Universe

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



50.5672, 0.3148, 0.3204



88.3654, 0.3155, 0.3176



53.3340, 0.3142, 0.3403



10.7010, 0.3157, 0.3167



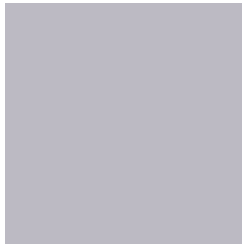
9.0074, 0.3868, 0.1905



0.3990, 0.3693, 0.1808

Previews

White Background



This preview shows how the Yxy color 49.7493, 0.3075, 0.3177 looks on a white background.

Color Contrast Check

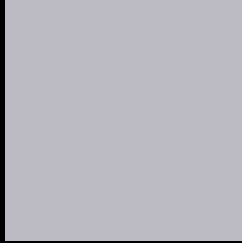
Large Text (above 18pt) WCAG AA × Fail

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 49.7493, 0.3075, 0.3177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

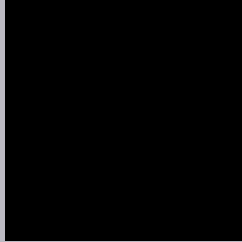
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

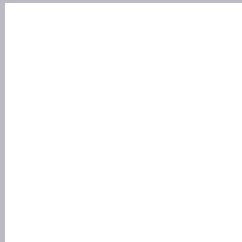
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 49.7493, 0.3075, 0.3177

Background



This preview shows how black text looks on a background with the Yxy color 49.7493, 0.3075, 0.3177.

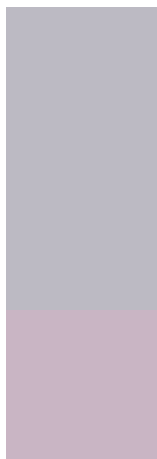


This preview shows how white text looks on a background with the Yxy color 49.7493, 0.3075, 0.3177.

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

49.7493, 0.3075, 0.3177

Protanopia

49.7493, 0.3075, 0.3177

Deuteranopia

49.4508, 0.3178, 0.3108



Tritanopia

49.6869, 0.3045, 0.3103

Trichromacy



Original Color

49.7493, 0.3075, 0.3177

Protanomaly

49.7493, 0.3075, 0.3177

Deuteranomaly

49.5883, 0.3135, 0.3130

Tritanomaly

49.5940, 0.3061, 0.3128

Monochromacy



Original Color

49.7493, 0.3075, 0.3177

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

49.9936, 0.3105, 0.3240

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.7493, 0.3075, 0.3177 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(188, 186, 195)` looks like.

```
.text, #text, p{  
    color:rgb(188, 186, 195)  
}
```

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(188, 186, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 186, 195) }
```

Border

The CSS property to change the border of an element to Yxy 49.7493, 0.3075, 0.3177 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(188, 186, 195) }
```

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

```
.border{ border-color:rgb(188, 186, 195) }
```

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

Here you see how a box with a 4 pixel rgb(188, 186, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 186, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 186, 195);  
box-shadow:4px 4px 4px 4px rgb(188, 186,  
195) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 49.7493, 0.3075, 0.3177$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 186, 195) }
```

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

```
.background{ background-color: rgb(188,  
186, 195) }
```

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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