

Converting Colors

Yxy(49.5899, 0.3101, 0.3163)

Have a look what the booklet for
Yxy(49.5899, 0.3101, 0.3163)
contains.

Yxy(49.7144, 0.3100, 0.3165)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(49.7144, 0.3100, 0.3165)

Conversions

Conversions Part 1

Format	Color
Hex	BFB9C3
RGB	191, 185, 195
RGB Percent	75%, 73%, 76%
CMY	0.2508, 0.2745, 0.2352
CMYK	0.02, 0.05, 0.00, 0.24
HSL	276°, 8%, 75%
HSV	276°, 5%, 76%
XYZ	48.6934, 49.7144, 58.6677
YIQ	187.9340, 0.3660, 4.3820

Conversions

Conversions Part 2

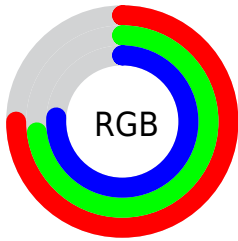
Format	Color
R_{YB}	191, 185, 195
Decimal	12564931
CIE Lab	75.89, 3.99, -4.31
CIE LCh	76, 5.870, 312.782
Yxy	49.7144, 0.3100, 0.3165
Android (android.graphics.Color)	4290755011 (0xFFBFB9C3)
YUV	187.9340, 3.4835, 2.6889
Hunter-Lab	70.5084, -0.1170, 0.0227

Details

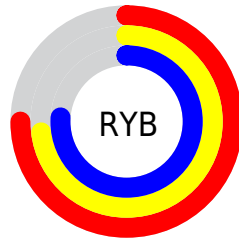
The Yxy color **49.7144, 0.3100, 0.3165** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.3544, 0.3153, 0.3416**, and the grayscale version is **50.2338, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.7130, 0.3100, 0.3182**, and **23.8289, 0.3100, 0.3138** is the 20% darker color. If you saturate the color by 10%, you get **41.1325, 0.3040, 0.2908**, and if you desaturate by 10%, it is **59.4727, 0.3151, 0.3403**.

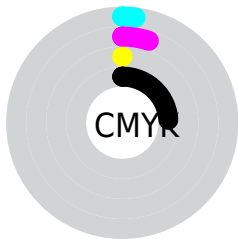
Distribution



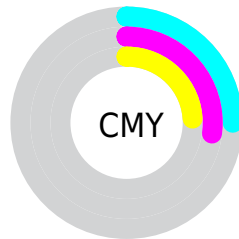
- Red (75%)
- Green (73%)
- Blue (76%)



- Red (75%)
- Yellow (73%)
- Blue (76%)



- Cyan (2%)
- Magenta (5%)
- Yellow (0%)
- Black (24%)



- Cyan (25%)
- Magenta (27%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 49.7144, 0.3100, 0.3165 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 49.7144, 0.3100, 0.3165 by changing the saturation by 10% instead.

■ 49.7144, 0.3100,
0.3165

■ 49.7144, 0.3100,
0.3165

385.5480, 0.3114,
0.3226

■ 35.1865, 0.3097,
0.3150

■ 89.7516, 0.3105,
0.3187

■ 23.8066, 0.3092,
0.3131

116.0297, 0.3107,
0.3195

■ 15.1902, 0.3086,
0.3106

146.9933, 0.3108,
0.3203

■ 8.9530, 0.3078,
0.3071

183.0268, 0.3110,
0.3209

■ 4.7105, 0.3066,
0.3021

224.5146, 0.3111,
0.3214

■ 2.0784, 0.3045,
0.2940

271.8412, 0.3112,

■ 0.6525, 0.3012,

0.3219

0.2739

325.3909, 0.3113,
0.3223

0.0000, 0.0000,
0.0000

49.7144, 0.3100,
0.3165

49.7144, 0.3100,
0.3165

41.1325, 0.3040,
0.2908

59.4727, 0.3151,
0.3403

33.6745, 0.2970,
0.2636

70.4445, 0.3193,
0.3622

27.2933, 0.2889,
0.2354

82.6730, 0.3227,
0.3820

21.9361, 0.2798,
0.2072

90.9882, 0.3265,
0.3923

17.5454, 0.2699,
0.1800

92.2380, 0.3316,
0.3913

■ 14.0580, 0.2594,
0.1550

■ 93.5446, 0.3367,
0.3903

■ 11.4025, 0.2487,
0.1336

■ 94.9087, 0.3418,
0.3893

■ 9.4969, 0.2382,
0.1168

■ 96.3310, 0.3470,
0.3882

■ 8.2410, 0.2282,
0.1051

■ 96.7208, 0.3484,
0.3880

Harmonies

Analogous

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



49.7144, 0.3027, 0.3154



49.7144, 0.3100, 0.3165



49.7144, 0.3181, 0.3209

Triad

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



49.7144, 0.3100, 0.3165



49.7144, 0.3275, 0.3401



49.7144, 0.3007, 0.3305

Complementary

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



49.7144, 0.3100, 0.3165



53.3544, 0.3153, 0.3416

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.



49.7144, 0.3072, 0.3374



49.7144, 0.3100, 0.3165



49.7144, 0.3227, 0.3429

Square

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



49.7144, 0.3100, 0.3165



49.7144, 0.3283, 0.3344



49.7144, 0.3153, 0.3419



49.7144, 0.2974, 0.3233

Rectangle

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



49.7144, 0.3100, 0.3165



49.7144, 0.3229, 0.3251



49.7144, 0.3153, 0.3419



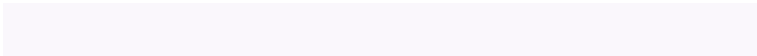
49.7144, 0.3026, 0.3329

Sweetspot

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



49.7165, 0.3100, 0.3165



94.2306, 0.3117, 0.3241



50.6497, 0.3049, 0.3214



20.6728, 0.3117, 0.3244



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.



49.7165, 0.3100, 0.3165



87.4735, 0.3095, 0.3141



50.1941, 0.3141, 0.3179



10.5840, 0.3092, 0.3130



5.0976, 0.2248, 0.1012



0.2594, 0.2463, 0.1130

Inverse Universe

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



49.9712, 0.3180, 0.3241



88.0135, 0.3191, 0.3231



52.8953, 0.3114, 0.3404



10.6549, 0.3196, 0.3227



7.9079, 0.5366, 0.2730



0.3553, 0.4774, 0.2403

Previews

White Background



This preview shows how the Yxy color 49.7144, 0.3100, 0.3165 looks on a white background.

Color Contrast Check

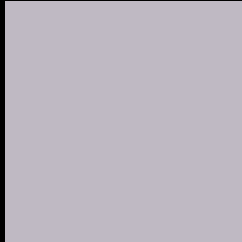
Large Text (above 18pt) WCAG AA × Fail

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 49.7144, 0.3100, 0.3165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

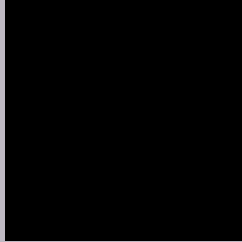
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.7144, 0.3100, 0.3165

Background



This preview shows how black text looks on a background with the Yxy color 49.7144, 0.3100, 0.3165.

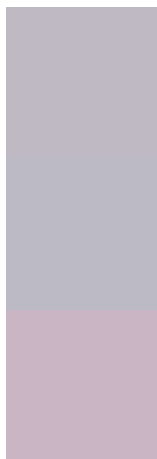


This preview shows how white text looks on a background with the Yxy color 49.7144, 0.3100, 0.3165.

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

49.7144, 0.3100, 0.3165

Protanopia

49.7947, 0.3067, 0.3165

Deuteranopia

49.4508, 0.3178, 0.3108



Tritanopia

49.6110, 0.3078, 0.3104

Trichromacy



Original Color

49.7144, 0.3100, 0.3165

Protanomaly

49.9222, 0.3075, 0.3165

Deuteranomaly

49.3117, 0.3144, 0.3118

Tritanomaly

49.5647, 0.3085, 0.3116

Monochromacy



Original Color

49.7144, 0.3100, 0.3165

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.1211, 0.3113, 0.3240

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.7144, 0.3100, 0.3165 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(191, 185, 195)` looks like.

```
.text, #text, p{  
    color:rgb(191, 185, 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(191, 185, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 185, 195) }
```

Border

The CSS property to change the border of an element to Yxy 49.7144, 0.3100, 0.3165 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(191, 185, 195) }
```

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

```
.border{ border-color:rgb(191, 185, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 185, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 185, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 185, 195);  
box-shadow:4px 4px 4px 4px rgb(191, 185,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 49.7144, 0.3100, 0.3165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 185, 195) }
```

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

```
.background{ background-color: rgb(191,  
185, 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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