

Converting Colors

$Yxy(49.3033, 0.3236, 0.3088)$

Have a look what the booklet for
Yxy(49.3033, 0.3236, 0.3088)
contains.

Yxy(49.4457, 0.3240, 0.3098)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(49.4457, 0.3240, 0.3098)

Conversions

Conversions Part 1

Format	Color
Hex	CFB3C3
RGB	207, 179, 195
RGB Percent	81%, 70%, 76%
CMY	0.1880, 0.2981, 0.2353
CMYK	0.00, 0.14, 0.06, 0.19
HSL	326°, 23%, 76%
HSV	326°, 14%, 81%
XYZ	51.7121, 49.4457, 58.4474
YIQ	189.1960, 11.5520, 10.9120

Conversions

Conversions Part 2

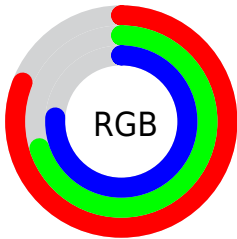
Format	Color
R_{YB}	207, 179, 195
Decimal	13611971
CIE _{Lab}	75.73, 12.80, -4.39
CIE _{LCh}	76, 13.536, 341.074
Yxy	49.4457, 0.3240, 0.3098
Android (android.graphics.Color)	4291802051 (0xFFCFB3C3)
YUV	189.1960, 2.8614, 15.6141
Hunter-Lab	70.3176, 8.2143, -0.0590

Details

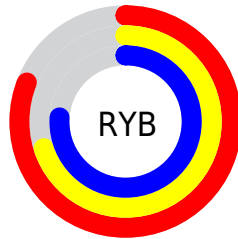
The Yxy color **49.4457, 0.3240, 0.3098** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.9943, 0.3028, 0.3490**, and the grayscale version is **50.9889, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.7049, 0.3155, 0.3126**, and **23.6171, 0.3281, 0.3050** is the 20% darker color. If you saturate the color by 10%, you get **41.3727, 0.3343, 0.2949**, and if you desaturate by 10%, it is **58.7931, 0.3154, 0.3241**.

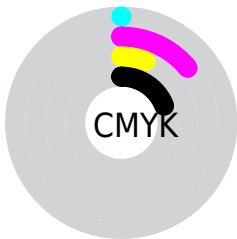
Distribution



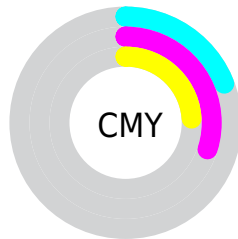
- Red (81%)
- Green (70%)
- Blue (76%)



- Red (81%)
- Yellow (70%)
- Blue (76%)



- Cyan (0%)
- Magenta (14%)
- Yellow (6%)
- Black (19%)



- Cyan (19%)
- Magenta (30%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.4457, 0.3240, 0.3098 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 49.4457, 0.3240, 0.3098 by changing the saturation by 10% instead.


 49.4457, 0.3240,
0.3098

 49.4457, 0.3240,
0.3098

384.4943, 0.3185,
0.3192

 34.9732, 0.3253,
0.3075


 89.3531, 0.3220,
0.3132

 23.6422, 0.3270,
0.3046

115.5567, 0.3213,
0.3144

 15.0684, 0.3293,
0.3009


146.4394, 0.3206,
0.3155

 8.8674, 0.3323,
0.2957

182.3857, 0.3201,
0.3164

 4.6548, 0.3368,
0.2883

223.7800, 0.3196,
0.3173

 2.0462, 0.3438,
0.2766

271.0066, 0.3192,

 0.6341, 0.3599,

0.3180

0.2487

324.4499, 0.3188,
0.3186

0.0000, 0.0000,
0.0000

49.4457, 0.3240,
0.3098

49.4457, 0.3240,
0.3098

41.3727, 0.3343,
0.2949

58.7931, 0.3154,
0.3241

34.5117, 0.3464,
0.2798

69.4606, 0.3083,
0.3376

28.8050, 0.3605,
0.2650

81.4998, 0.3023,
0.3501

24.1874, 0.3768,
0.2515

90.5369, 0.2973,
0.3548

20.5874, 0.3949,
0.2402

91.0509, 0.2926,
0.3453

■ 17.9247, 0.4144,
0.2324

■ 91.5907, 0.2878,
0.3358

■ 16.1066, 0.4347,
0.2293

■ 92.0123, 0.2844,
0.3289

■ 15.0214, 0.4548,
0.2314

■ 14.5838, 0.4675,
0.2349

Harmonies

Analogous

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



49.4457, 0.3052, 0.3003



49.4457, 0.3240, 0.3098



49.4457, 0.3401, 0.3241

Triad

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



49.4457, 0.3240, 0.3098



49.4457, 0.3366, 0.3612



49.4457, 0.2779, 0.3163

Complementary

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



49.4457, 0.3240, 0.3098



57.9943, 0.3028, 0.3490

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.



49.4457, 0.2858, 0.3332



49.4457, 0.3240, 0.3098



49.4457, 0.3194, 0.3598

Square

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



49.4457, 0.3240, 0.3098



49.4457, 0.3475, 0.3536



49.4457, 0.3009, 0.3494



49.4457, 0.2790, 0.3035

Rectangle

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



49.4457, 0.3240, 0.3098



49.4457, 0.3470, 0.3347



49.4457, 0.3009, 0.3494



49.4457, 0.2796, 0.3217

Sweetspot

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



49.4479, 0.3240, 0.3098



93.3850, 0.3158, 0.3234



47.7777, 0.3007, 0.2944



19.7303, 0.3164, 0.3224



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.



49.4479, 0.3240, 0.3098



75.5971, 0.3265, 0.3059



48.8574, 0.3354, 0.3262



11.9197, 0.3203, 0.3158



9.2030, 0.4649, 0.2335



0.5303, 0.4314, 0.2150

Inverse Universe

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



49.4479, 0.3240, 0.3098



75.5971, 0.3265, 0.3059



58.6248, 0.2937, 0.3318



11.9197, 0.3203, 0.3158



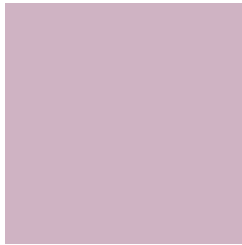
9.2030, 0.4649, 0.2335



0.5303, 0.4314, 0.2150

Previews

White Background



This preview shows how the Yxy color 49.4457, 0.3240, 0.3098 looks on a white background.

Color Contrast Check

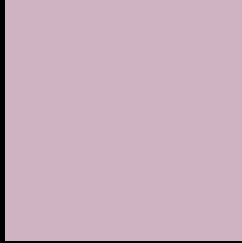
Large Text (above 18pt) WCAG AA × Fail

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 49.4457, 0.3240, 0.3098 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 49.4457, 0.3240, 0.3098

Background



This preview shows how black text looks on a background with the Yxy color 49.4457, 0.3240, 0.3098.



This preview shows how white text looks on a background with the Yxy color 49.4457, 0.3240, 0.3098.

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

49.4457, 0.3240, 0.3098

Protanopia

49.8061, 0.3037, 0.3127

Deuteranopia

49.4054, 0.3186, 0.3120



Tritanopia

49.3559, 0.3256, 0.3122

Trichromacy



Original Color

49.4457, 0.3240, 0.3098

Protanomaly

49.4135, 0.3102, 0.3105

Deuteranomaly

49.2792, 0.3204, 0.3108

Tritanomaly

49.4006, 0.3248, 0.3110

Monochromacy



Original Color

49.4457, 0.3240, 0.3098

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

50.1953, 0.3173, 0.3216

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.4457, 0.3240, 0.3098 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(207, 179, 195)` looks like.

```
.text, #text, p{  
    color:rgb(207, 179, 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(207, 179, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 179, 195) }
```

Border

The CSS property to change the border of an element to Yxy 49.4457, 0.3240, 0.3098 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(207, 179, 195) }
```

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

```
.border{ border-color:rgb(207, 179, 195) }
```

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

Here you see how a box with a 4 pixel rgb(207, 179, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 179, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 179, 195);  
box-shadow:4px 4px 4px 4px rgb(207, 179,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 49.4457, 0.3240, 0.3098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 179, 195) }
```

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

```
.background{ background-color: rgb(207,  
179, 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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