

Converting Colors

$Y_{xy}(49.3795, 0.3136, 0.3238)$

Have a look what the booklet for
Yxy(49.3795, 0.3136, 0.3238)
contains.

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Color

Yxy(49.3192, 0.3138, 0.3240)

Conversions

Conversions Part 1

Format	Color
Hex	BEB9BD
RGB	190, 185, 189
RGB Percent	75%, 73%, 74%
CMY	0.2549, 0.2745, 0.2589
CMYK	0.00, 0.03, 0.01, 0.25
HSL	312°, 4%, 74%
HSV	312°, 3%, 75%
XYZ	47.7666, 49.3192, 55.1340
YIQ	186.9510, 1.6960, 2.3040

Conversions

Conversions Part 2

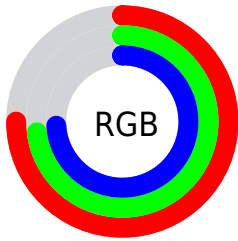
Format	Color
R _Y B	190, 185, 189
Decimal	12499389
CIE Lab	75.65, 2.48, -1.39
CIE LCh	76, 2.849, 330.708
Yxy	49.3192, 0.3138, 0.3240
Android (android.graphics.Color)	4290689469 (0xFFBEB9BD)
YUV	186.9510, 1.0102, 2.6740
Hunter-Lab	70.2276, -1.4884, 2.6122

Details

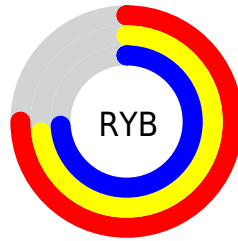
The Yxy color **49.3192, 0.3138, 0.3240** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.6865, 0.3117, 0.3341**, and the grayscale version is **49.6586, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.0960, 0.3136, 0.3251**, and **23.5985, 0.3142, 0.3222** is the 20% darker color. If you saturate the color by 10%, you get **41.7298, 0.3183, 0.3044**, and if you desaturate by 10%, it is **57.9797, 0.3099, 0.3427**.

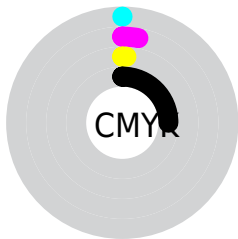
Distribution



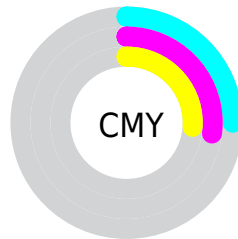
- Red (75%)
- Green (73%)
- Blue (74%)



- Red (75%)
- Yellow (73%)
- Blue (74%)



- Cyan (0%)
- Magenta (3%)
- Yellow (1%)
- Black (25%)





- Cyan (25%)
- Magenta (27%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.3192, 0.3138, 0.3240 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 49.3192, 0.3138, 0.3240 by changing the saturation by 10% instead.


 49.3192, 0.3138,
0.3240

 49.3192, 0.3138,
0.3240

383.9976, 0.3133,
0.3265

 34.8728, 0.3139,
0.3234


 89.1654, 0.3136,
0.3249

 23.5649, 0.3141,
0.3226

115.3338, 0.3135,
0.3252

 15.0112, 0.3143,
0.3216


146.1785, 0.3135,
0.3255

 8.8272, 0.3146,
0.3202

182.0837, 0.3134,
0.3258

 4.6287, 0.3150,
0.3181

223.4338, 0.3134,
0.3260

 2.0311, 0.3157,
0.3147

270.6132, 0.3133,

 0.6254, 0.3182,

0.3262

0.3038

324.0063, 0.3133,
0.3263

0.0000, 0.0000,
0.0000

49.3192, 0.3138,
0.3240

49.3192, 0.3138,
0.3240

41.7298, 0.3183,
0.3044

57.9797, 0.3099,
0.3427

35.1631, 0.3236,
0.2842

67.7443, 0.3066,
0.3601

29.5767, 0.3295,
0.2639

78.6527, 0.3038,
0.3764

24.9228, 0.3362,
0.2443

86.8481, 0.3015,
0.3853

21.1492, 0.3434,
0.2262

87.0366, 0.2994,
0.3808

■ 18.1991, 0.3512,
0.2106

■ 87.2298, 0.2973,
0.3764

■ 16.0086, 0.3591,
0.1984

■ 87.4276, 0.2952,
0.3720

■ 14.5046, 0.3671,
0.1905

■ 87.6302, 0.2932,
0.3675

■ 13.5995, 0.3748,
0.1871

■ 87.8375, 0.2911,
0.3631

Harmonies

Analogous

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



49.3192, 0.3099, 0.3224



49.3192, 0.3138, 0.3240



49.3192, 0.3175, 0.3269

Triad

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



49.3192, 0.3138, 0.3240



49.3192, 0.3187, 0.3354



49.3192, 0.3057, 0.3276

Complementary

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



49.3192, 0.3138, 0.3240



50.6865, 0.3117, 0.3341

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.



49.3192, 0.3080, 0.3312



49.3192, 0.3138, 0.3240



49.3192, 0.3155, 0.3357

Square

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



49.3192, 0.3138, 0.3240



49.3192, 0.3203, 0.3335



49.3192, 0.3116, 0.3341



49.3192, 0.3052, 0.3245

Rectangle

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



49.3192, 0.3138, 0.3240



49.3192, 0.3192, 0.3292



49.3192, 0.3116, 0.3341



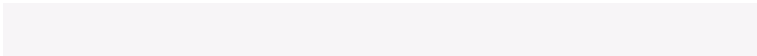
49.3192, 0.3063, 0.3288

Sweetspot

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



49.3213, 0.3138, 0.3240



91.7739, 0.3131, 0.3271



48.8589, 0.3097, 0.3227



20.1695, 0.3131, 0.3272



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



49.3213, 0.3138, 0.3240



88.7605, 0.3140, 0.3232



49.2147, 0.3157, 0.3271



10.6088, 0.3143, 0.3219



8.7832, 0.3794, 0.1864



0.3526, 0.3629, 0.1773

Inverse Universe

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



49.3213, 0.3138, 0.3240



88.7605, 0.3140, 0.3232



50.7927, 0.3098, 0.3309



10.6088, 0.3143, 0.3219



8.7832, 0.3794, 0.1864



0.3526, 0.3629, 0.1773

Previews

White Background



This preview shows how the Yxy color 49.3192, 0.3138, 0.3240 looks on a white background.

Color Contrast Check

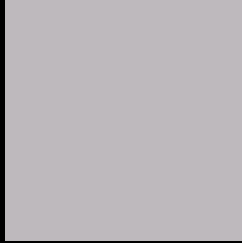
Large Text (above 18pt) WCAG AA × Fail

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 49.3192, 0.3138, 0.3240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

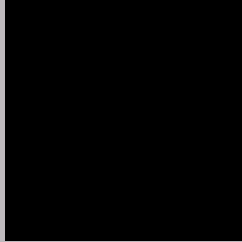
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

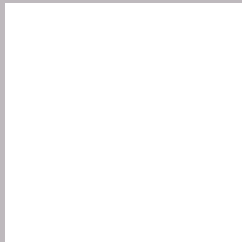
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 49.3192, 0.3138, 0.3240

Background



This preview shows how black text looks on a background with the Yxy color 49.3192, 0.3138, 0.3240.

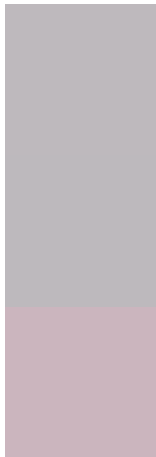


This preview shows how white text looks on a background with the Yxy color 49.3192, 0.3138, 0.3240.

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

49.3192, 0.3138, 0.3240

Protanopia

49.1909, 0.3130, 0.3240

Deuteranopia

49.4620, 0.3244, 0.3181



Tritanopia

49.4346, 0.3077, 0.3116

Trichromacy



Original Color

49.3192, 0.3138, 0.3240

Protanomaly

49.1909, 0.3130, 0.3240

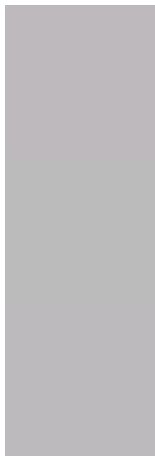
Deuteranomaly

49.1794, 0.3200, 0.3191

Tritanomaly

49.2975, 0.3100, 0.3153

Monochromacy



Original Color

49.3192, 0.3138, 0.3240

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.4400, 0.3128, 0.3265

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.3192, 0.3138, 0.3240 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(190, 185, 189)` looks like.

```
.text, #text, p{  
    color:rgb(190, 185, 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(190, 185, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 185, 189) }
```

Border

The CSS property to change the border of an element to Yxy 49.3192, 0.3138, 0.3240 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(190, 185, 189) }
```

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

```
.border{ border-color:rgb(190, 185, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 185, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 185, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 185, 189);  
box-shadow:4px 4px 4px 4px rgb(190, 185,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 49.3192, 0.3138, 0.3240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 185, 189) }
```

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

```
.background{ background-color: rgb(190,  
185, 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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