

Converting Colors

$Yxy(49.2444, 0.3133, 0.3227)$

Have a look what the booklet for
Yxy(49.2444, 0.3133, 0.3227)
contains.

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Color

Yxy(49.3628, 0.3130, 0.3227)

Conversions

Conversions Part 1

Format	Color
Hex	BEB9BE
RGB	190, 185, 190
RGB Percent	75%, 73%, 75%
CMY	0.2549, 0.2745, 0.2549
CMYK	0.00, 0.03, 0.00, 0.25
HSL	300°, 4%, 74%
HSV	300°, 3%, 75%
XYZ	47.8790, 49.3628, 55.7263
YIQ	187.0650, 1.3750, 2.6150

Conversions

Conversions Part 2

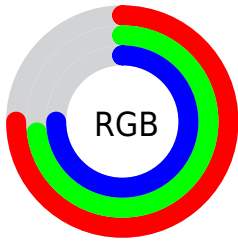
Format	Color
R_{YB}	190, 185, 190
Decimal	12499390
CIE Lab	75.68, 2.68, -1.92
CIE LCh	76, 3.295, 324.436
Yxy	49.3628, 0.3130, 0.3227
Android (android.graphics.Color)	4290689470 (0xFFBEB9BE)
YUV	187.0650, 1.4470, 2.5740
Hunter-Lab	70.2587, -1.3107, 2.1547

Details

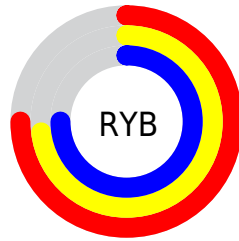
The Yxy color **49.3628, 0.3130, 0.3227** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.6519, 0.3124, 0.3354**, and the grayscale version is **49.7251, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.1572, 0.3129, 0.3241**, and **23.6270, 0.3131, 0.3205** is the 20% darker color. If you saturate the color by 10%, you get **41.9320, 0.3141, 0.2983**, and if you desaturate by 10%, it is **57.8604, 0.3119, 0.3462**.

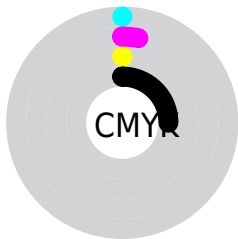
Distribution



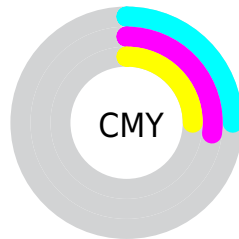
- Red (75%)
- Green (73%)
- Blue (75%)



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



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




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

Brightness & Saturation Gradients

These gradients show how the Yxy color 49.3628, 0.3130, 0.3227 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 49.3628, 0.3130, 0.3227 by changing the saturation by 10% instead.


 49.3628, 0.3130,
0.3227

 49.3628, 0.3130,
0.3227


384.1688, 0.3129,
0.3258

 34.9074, 0.3130,
0.3219


 89.2301, 0.3130,
0.3238

 23.5915, 0.3131,
0.3210

115.4107, 0.3129,
0.3242

 15.0309, 0.3131,
0.3197


146.2684, 0.3129,
0.3246

 8.8411, 0.3132,
0.3179

182.1878, 0.3129,
0.3249

 4.6377, 0.3133,
0.3153

223.5531, 0.3129,
0.3252

 2.0363, 0.3134,
0.3110

270.7488, 0.3129,

 0.6284, 0.3142,

0.3254

0.2979

324.1592, 0.3129,
0.3256

0.0000, 0.0000,
0.0000

49.3628, 0.3130,
0.3227

49.3628, 0.3130,
0.3227

41.9320, 0.3141,
0.2983

57.8604, 0.3119,
0.3462

35.5196, 0.3152,
0.2735

67.4578, 0.3109,
0.3683

30.0833, 0.3163,
0.2490

78.1947, 0.3100,
0.3889

25.5752, 0.3173,
0.2258

86.2124, 0.3094,
0.4021

21.9433, 0.3182,
0.2046

86.2192, 0.3094,
0.4021

■ 19.1306, 0.3190,
0.1866

■ 86.2260, 0.3095,
0.4021

■ 17.0734, 0.3196,
0.1723

■ 86.2328, 0.3095,
0.4020

■ 15.6984, 0.3200,
0.1622

■ 86.2397, 0.3095,
0.4020

■ 14.9182, 0.3202,
0.1562

■ 86.2465, 0.3096,
0.4020

Harmonies

Analogous

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



49.3628, 0.3086, 0.3213



49.3628, 0.3130, 0.3227



49.3628, 0.3174, 0.3258

Triad

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



49.3628, 0.3130, 0.3227



49.3628, 0.3202, 0.3361



49.3628, 0.3050, 0.3283

Complementary

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



49.3628, 0.3130, 0.3227



50.6519, 0.3124, 0.3354

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.



49.3628, 0.3081, 0.3323



49.3628, 0.3130, 0.3227



49.3628, 0.3169, 0.3369

Square

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



49.3628, 0.3130, 0.3227



49.3628, 0.3216, 0.3335



49.3628, 0.3124, 0.3355



49.3628, 0.3039, 0.3245

Rectangle

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



49.3628, 0.3130, 0.3227



49.3628, 0.3197, 0.3283



49.3628, 0.3124, 0.3355



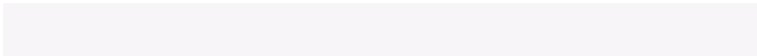
49.3628, 0.3058, 0.3296

Sweetspot

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



49.3649, 0.3130, 0.3227



91.8037, 0.3128, 0.3266



48.7677, 0.3088, 0.3227



20.1757, 0.3128, 0.3267



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.



49.3649, 0.3130, 0.3227



88.8498, 0.3130, 0.3217



49.2617, 0.3149, 0.3257



10.6220, 0.3131, 0.3200



9.7069, 0.3202, 0.1538



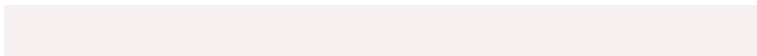
0.3807, 0.3204, 0.1539

Inverse Universe

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



49.1520, 0.3169, 0.3290



88.4048, 0.3176, 0.3290



50.7533, 0.3106, 0.3323



10.5563, 0.3187, 0.3290



7.2802, 0.6397, 0.3298



0.2853, 0.6383, 0.3290

Previews

White Background



This preview shows how the Yxy color 49.3628, 0.3130, 0.3227 looks on a white background.

Color Contrast Check

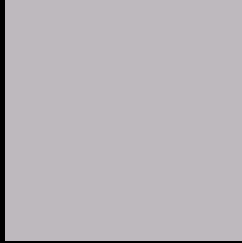
Large Text (above 18pt) WCAG AA × Fail

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 49.3628, 0.3130, 0.3227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

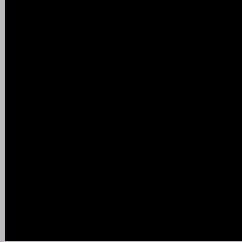
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

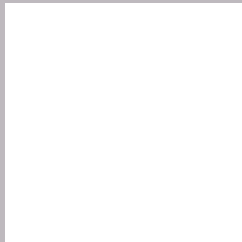
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 49.3628, 0.3130, 0.3227

Background



This preview shows how black text looks on a background with the Yxy color 49.3628, 0.3130, 0.3227.

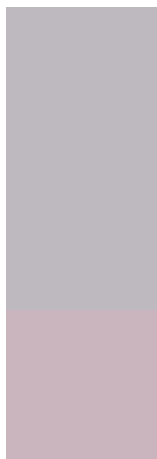


This preview shows how white text looks on a background with the Yxy color 49.3628, 0.3130, 0.3227.

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

49.3628, 0.3130, 0.3227

Protanopia

49.2344, 0.3122, 0.3227

Deuteranopia

49.3659, 0.3227, 0.3168



Tritanopia

49.4346, 0.3077, 0.3116

Trichromacy



Original Color

49.3628, 0.3130, 0.3227

Protanomaly

49.2344, 0.3122, 0.3227

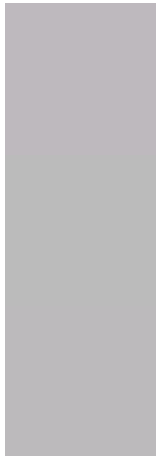
Deuteranomaly

49.2233, 0.3192, 0.3179

Tritanomaly

49.2975, 0.3100, 0.3153

Monochromacy



Original Color

49.3628, 0.3130, 0.3227

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 49.3628, 0.3130, 0.3227 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, 190)` looks like.

```
.text, #text, p{  
    color:rgb(190, 185, 190)  
}
```

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, 190) colored shadow looks like.

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

Border

The CSS property to change the border of an element to Yxy 49.3628, 0.3130, 0.3227 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, 190) }
```

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

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

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, 190) colored shadow looks like.

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


Background

The CSS property to change the background color of an element to Yxy 49.3628, 0.3130, 0.3227 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, 190) }
```

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

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

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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