

Converting Colors

Yxy(49.8607, 0.3213, 0.3268)

Have a look what the booklet for
Yxy(49.8607, 0.3213, 0.3268)
contains.

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Color

Yxy(49.9789, 0.3212, 0.3278)

Conversions

Conversions Part 1

Format	Color
Hex	C4B9BA
RGB	196, 185, 186
RGB Percent	77%, 73%, 73%
CMY	0.2314, 0.2745, 0.2706
CMYK	0.00, 0.06, 0.05, 0.23
HSL	355°, 9%, 75%
HSV	355°, 6%, 77%
XYZ	48.9726, 49.9789, 53.5161
YIQ	188.4030, 6.2350, 2.6430

Conversions

Conversions Part 2

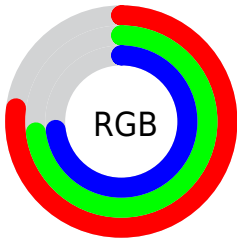
Format	Color
R _{YB}	196, 185, 186
Decimal	12892602
CIE Lab	76.06, 4.05, 0.88
CIE LCh	76, 4.144, 12.291
Yxy	49.9789, 0.3212, 0.3278
Android (android.graphics.Color)	4291082682 (0xFFC4B9BA)
YUV	188.4030, -1.1847, 6.6626
Hunter-Lab	70.6958, -0.0664, 4.6050

Details

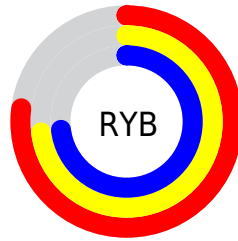
The Yxy color $49.9789, 0.3212, 0.3278$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $53.7277, 0.3048, 0.3302$, and the grayscale version is $50.5345, 0.3127, 0.3290$.

A 20% lighter version of the original color is $90.2040, 0.3200, 0.3280$, and $23.9468, 0.3232, 0.3273$ is the 20% darker color. If you saturate the color by 10%, you get $41.6258, 0.3392, 0.3255$, and if you desaturate by 10%, it is $59.5614, 0.3067, 0.3299$.

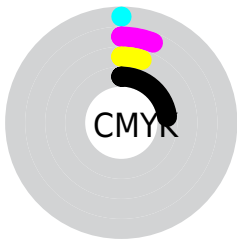
Distribution



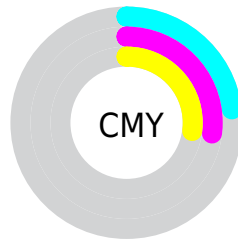
- Red (77%)
- Green (73%)
- Blue (73%)



- Red (77%)
- Yellow (73%)
- Blue (73%)



- Cyan (0%)
- Magenta (6%)
- Yellow (5%)
- Black (23%)




- Cyan (23%)
- Magenta (27%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.9789, 0.3212, 0.3278 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 49.9789, 0.3212, 0.3278 by changing the saturation by 10% instead.


 49.9789, 0.3212,
0.3278

 49.9789, 0.3212,
0.3278


386.5834, 0.3170,
0.3284

 35.3966, 0.3222,
0.3276


 90.1436, 0.3197,
0.3280

 23.9686, 0.3236,
0.3274


116.4948, 0.3191,
0.3281

 15.3103, 0.3253,
0.3272


147.5379, 0.3186,
0.3282

 9.0375, 0.3277,
0.3268

183.6570, 0.3182,
0.3282

 4.7656, 0.3313,
0.3262

225.2368, 0.3179,
0.3283

 2.1104, 0.3372,
0.3253

272.6615, 0.3175,

 0.6705, 0.3548,

0.3283

0.3231

326.3156, 0.3173,
0.3284

0.0000, 0.0000,
0.0000

49.9789, 0.3212,
0.3278

49.9789, 0.3212,
0.3278

41.6258, 0.3392,
0.3255

59.5614, 0.3067,
0.3299

34.4462, 0.3616,
0.3232

70.4134, 0.2951,
0.3318

28.3893, 0.3892,
0.3208

82.5812, 0.2856,
0.3336

23.3986, 0.4228,
0.3186

90.4734, 0.2784,
0.3289

19.4120, 0.4624,
0.3170

■ 16.3617, 0.5066,
0.3163

■ 14.1709, 0.5517,
0.3171

■ 12.7509, 0.5920,
0.3196

■ 11.9926, 0.6214,
0.3235

Harmonies

Analogous

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



49.9789, 0.3164, 0.3232



49.9789, 0.3212, 0.3278



49.9789, 0.3237, 0.3328

Triad

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



49.9789, 0.3212, 0.3278



49.9789, 0.3146, 0.3381



49.9789, 0.3024, 0.3212

Complementary

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



49.9789, 0.3212, 0.3278



53.7277, 0.3048, 0.3302

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.



49.9789, 0.3019, 0.3251



49.9789, 0.3212, 0.3278



49.9789, 0.3090, 0.3350

Square

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



49.9789, 0.3212, 0.3278



49.9789, 0.3199, 0.3388



49.9789, 0.3043, 0.3302



49.9789, 0.3056, 0.3194

Rectangle

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



49.9789, 0.3212, 0.3278



49.9789, 0.3237, 0.3356



49.9789, 0.3043, 0.3302



49.9789, 0.3019, 0.3223

Sweetspot

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



49.9811, 0.3212, 0.3278



96.4936, 0.3157, 0.3286



50.2743, 0.3124, 0.3155



20.6903, 0.3155, 0.3286



0.0000, 0.0000, 0.0000



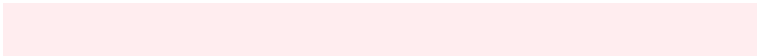
21.4041, 0.3127, 0.3290

Same Dimension

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



49.9811, 0.3212, 0.3278



88.1324, 0.3237, 0.3275



51.8041, 0.3215, 0.3345



10.4408, 0.3243, 0.3274



7.5735, 0.6286, 0.3237



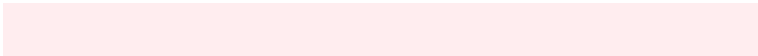
0.3323, 0.5916, 0.3033

Inverse Universe

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



49.9811, 0.3212, 0.3278



88.1324, 0.3237, 0.3275



51.8217, 0.3042, 0.3235



10.4408, 0.3243, 0.3274



7.5735, 0.6286, 0.3237



0.3323, 0.5916, 0.3033

Previews

White Background



This preview shows how the Yxy color 49.9789, 0.3212, 0.3278 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 49.9789, 0.3212, 0.3278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

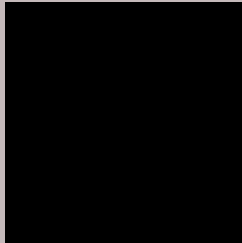
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

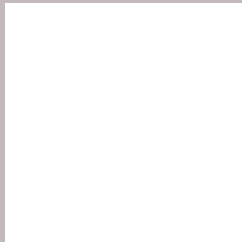
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 49.9789, 0.3212, 0.3278

Background



This preview shows how black text looks on a background with the Yxy color 49.9789, 0.3212, 0.3278.



This preview shows how white text looks on a background with the Yxy color 49.9789, 0.3212, 0.3278.

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

49.9789, 0.3212, 0.3278

Protanopia

50.2049, 0.3160, 0.3290

Deuteranopia

50.1656, 0.3293, 0.3230



Tritanopia

49.9500, 0.3136, 0.3107

Trichromacy



Original Color

49.9789, 0.3212, 0.3278

Protanomaly

50.0431, 0.3178, 0.3278

Deuteranomaly

50.0114, 0.3258, 0.3241

Tritanomaly

50.0463, 0.3158, 0.3167

Monochromacy



Original Color

49.9789, 0.3212, 0.3278

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.2049, 0.3160, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.9789, 0.3212, 0.3278 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(196, 185, 186)` looks like.

```
.text, #text, p{  
    color:rgb(196, 185, 186)  
}
```

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(196, 185, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 185, 186) }
```

Border

The CSS property to change the border of an element to Yxy 49.9789, 0.3212, 0.3278 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(196, 185, 186) }
```

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

```
.border{ border-color:rgb(196, 185, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 185, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 185, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 185, 186);  
box-shadow:4px 4px 4px 4px rgb(196, 185,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 49.9789, 0.3212, 0.3278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 185, 186) }
```

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

```
.background{ background-color: rgb(196,  
185, 186) }
```

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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