

Converting Colors

$Y_{xy}(34.2739, 0.3659, 0.3280)$

Have a look what the booklet for
Yxy(34.2739, 0.3659, 0.3280)
contains.

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Color

Yxy(34.3689, 0.3662, 0.3292)

Conversions

Conversions Part 1

Format	Color
Hex	C49292
RGB	196, 146, 146
RGB Percent	77%, 57%, 57%
CMY	0.2313, 0.4274, 0.4276
CMYK	0.00, 0.26, 0.26, 0.23
HSL	0°, 30%, 67%
HSV	0°, 26%, 77%
XYZ	38.2317, 34.3689, 31.8006
YIQ	160.9500, 29.8000, 10.6000

Conversions

Conversions Part 2

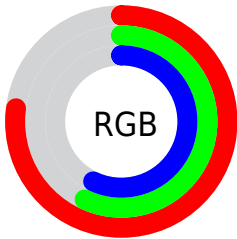
Format	Color
R_{YB}	196, 146, 146
Decimal	12882578
CIE _{Lab}	65.25, 18.86, 7.40
CIE _{LCh}	65, 20.255, 21.424
Yxy	34.3689, 0.3662, 0.3292
Android (android.graphics.Color)	4291072658 (0xFFC49292)
YUV	160.9500, -7.3703, 30.7389
Hunter-Lab	58.6250, 13.8134, 8.8761

Details

The Yxy color **34.3689, 0.3662, 0.3292** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.5623, 0.2757, 0.3288**, and the grayscale version is **35.6410, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.3613, 0.3550, 0.3291**, and **14.6917, 0.3830, 0.3274** is the 20% darker color. If you saturate the color by 10%, you get **28.2814, 0.3967, 0.3293**, and if you desaturate by 10%, it is **41.5987, 0.3416, 0.3291**.

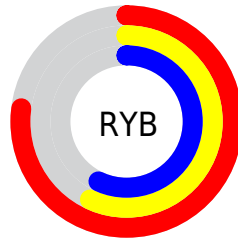
Distribution



Red (77%)

Green (57%)

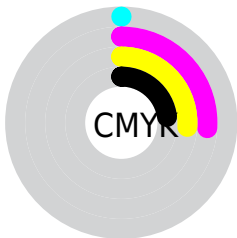
Blue (57%)



Red (77%)

Yellow (57%)

Blue (57%)

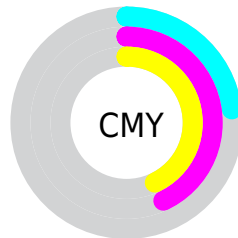


Cyan (0%)

Magenta (26%)

Yellow (26%)

Black (23%)



Cyan (23%)

Magenta (43%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.3689, 0.3662, 0.3292 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 34.3689, 0.3662, 0.3292 by changing the saturation by 10% instead.

 34.3689, 0.3662,
0.3292


 34.3689, 0.3662,
0.3292

321.7738, 0.3379,
0.3296

 23.1771, 0.3738,
0.3289


 66.5069, 0.3555,
0.3295

 14.7244, 0.3839,
0.3284


 88.2220, 0.3516,
0.3295

 8.6262, 0.3981,
0.3276

114.2136, 0.3484,
0.3296

 4.4982, 0.4190,
0.3258

144.8662, 0.3456,
0.3296

 1.9559, 0.4532,
0.3218

180.5641, 0.3433,
0.3296

 0.5817, 0.5950,
0.3376


221.6917, 0.3412,


 0.0000, 0.0000,

0.3296


0.0000


268.6335, 0.3395,
0.3296


 34.3689, 0.3662,
0.3292


 34.3689, 0.3662,
0.3292


 28.2814, 0.3967,
0.3293


 41.5987, 0.3416,
0.3291

 23.2735, 0.4338,
0.3294


 50.0201, 0.3219,
0.3290


 19.2834, 0.4772,
0.3296

 59.6850, 0.3061,
0.3290

 16.2415, 0.5247,
0.3297

 70.6412, 0.2935,
0.3289

 14.0694, 0.5711,
0.3299

 82.9335, 0.2832,
0.3289

■ 12.6759, 0.6093,
0.3299

■ 90.4768, 0.2784,
0.3289

■ 11.9491, 0.6327,
0.3300

■ 11.7397, 0.6400,
0.3300

Harmonies

Analogous

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



34.3689, 0.3420, 0.3045



34.3689, 0.3662, 0.3292



34.3689, 0.3753, 0.3550

Triad

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



34.3689, 0.3662, 0.3292



34.3689, 0.3125, 0.3777



34.3689, 0.2607, 0.2815

Complementary

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



34.3689, 0.3662, 0.3292



49.5623, 0.2757, 0.3288

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.



34.3689, 0.2539, 0.2983



34.3689, 0.3662, 0.3292



34.3689, 0.2828, 0.3551

Square

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



34.3689, 0.3662, 0.3292



34.3689, 0.3433, 0.3850



34.3689, 0.2618, 0.3251



34.3689, 0.2809, 0.2776

Rectangle

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



34.3689, 0.3662, 0.3292



34.3689, 0.3713, 0.3699



34.3689, 0.2618, 0.3251



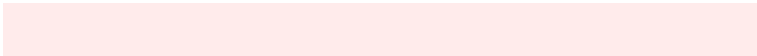
34.3689, 0.2569, 0.2858

Sweetspot

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



34.3705, 0.3662, 0.3292



86.4308, 0.3266, 0.3291



36.2715, 0.3157, 0.2662



17.9891, 0.3295, 0.3291



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.



34.3705, 0.3662, 0.3292



55.4447, 0.3836, 0.3293



42.9330, 0.3582, 0.3618



10.0790, 0.3289, 0.3291



7.5431, 0.6400, 0.3300



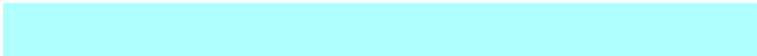
0.3263, 0.6398, 0.3302

Inverse Universe

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



49.5623, 0.2757, 0.3288



87.9300, 0.2681, 0.3288



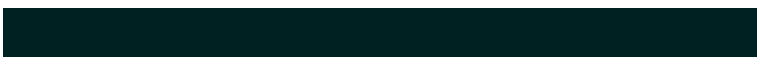
39.2160, 0.2725, 0.2938



11.4273, 0.2985, 0.3289



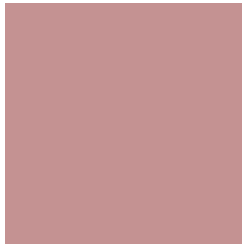
27.8904, 0.2246, 0.3285



1.2055, 0.2246, 0.3286

Previews

White Background



This preview shows how the Yxy color 34.3689, 0.3662, 0.3292 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 34.3689, 0.3662, 0.3292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

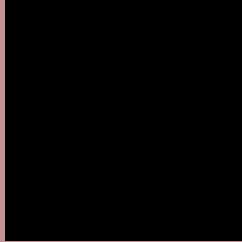
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.3689, 0.3662, 0.3292

Background



This preview shows how black text looks on a background with the Yxy color 34.3689, 0.3662, 0.3292.



This preview shows how white text looks on a background with the Yxy color 34.3689, 0.3662, 0.3292.

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

34.3689, 0.3662, 0.3292

Protanopia

34.5072, 0.3231, 0.3379

Deuteranopia

34.4105, 0.3472, 0.3404



Tritanopia

34.5214, 0.3568, 0.3146

Trichromacy



Original Color

34.3689, 0.3662, 0.3292

Protanomaly

34.4272, 0.3378, 0.3348

Deuteranomaly

34.1713, 0.3543, 0.3361

Tritanomaly

34.3881, 0.3611, 0.3199

Monochromacy



Original Color

34.3689, 0.3662, 0.3292

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

35.1759, 0.3306, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.3689, 0.3662, 0.3292 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, 146, 146)` looks like.

```
.text, #text, p{  
    color:rgb(196, 146, 146)  
}
```

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, 146, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 146, 146) }
```

Border

The CSS property to change the border of an element to Yxy 34.3689, 0.3662, 0.3292 is called "border". The border property can be set on classes, ids or directly on the HTML element.

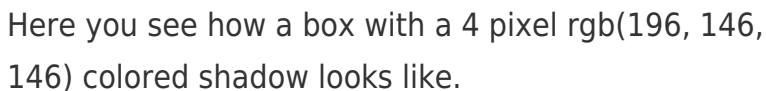
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 146, 146) }
```

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

```
.border{ border-color:rgb(196, 146, 146) }
```

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



Here you see how a box with a 4 pixel `rgb(196, 146, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 146, 146); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 146, 146); box-shadow:4px 4px 4px 4px rgb(196, 146, 146) }
```


Background

The CSS property to change the background color of an element to Yxy 34.3689, 0.3662, 0.3292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 146, 146) }
```

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

```
.background{ background-color: rgb(196,  
146, 146) }
```

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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