

Converting Colors

$Y_{xy}(30.4025, 0.3504, 0.3291)$

Have a look what the booklet for
Yxy(30.4025, 0.3504, 0.3291)
contains.

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Color

Yxy(30.5291, 0.3499, 0.3291)

Conversions

Conversions Part 1

Format	Color
Hex	B08E8E
RGB	176, 142, 142
RGB Percent	69%, 56%, 56%
CMY	0.3099, 0.4431, 0.4431
CMYK	0.00, 0.19, 0.19, 0.31
HSL	360°, 18%, 62%
HSV	360°, 19%, 69%
XYZ	32.4586, 30.5291, 29.7777
YIQ	152.1660, 20.2640, 7.2080

Conversions

Conversions Part 2

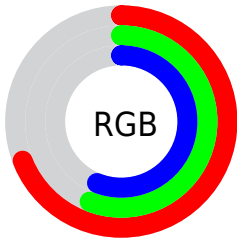
Format	Color
R_{YB}	176, 142, 142
Decimal	11570830
CIE _{Lab}	62.11, 12.82, 4.85
CIE _{LCh}	62, 13.703, 20.726
Yxy	30.5291, 0.3499, 0.3291
Android (android.graphics.Color)	4289760910 (0xFFB08E8E)
YUV	152.1660, -5.0118, 20.9024
Hunter-Lab	55.2531, 8.1673, 6.7239

Details

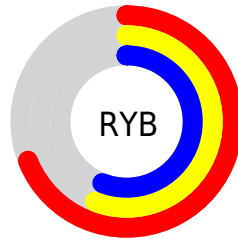
The Yxy color **30.5291, 0.3499, 0.3291** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.9315, 0.2843, 0.3289**, and the grayscale version is **31.4909, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.6212, 0.3419, 0.3291**, and **12.6380, 0.3627, 0.3291** is the 20% darker color. If you saturate the color by 10%, you get **25.2126, 0.3763, 0.3292**, and if you desaturate by 10%, it is **36.7586, 0.3287, 0.3290**.

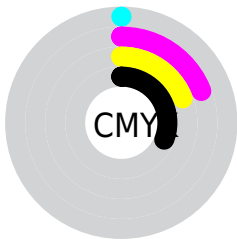
Distribution



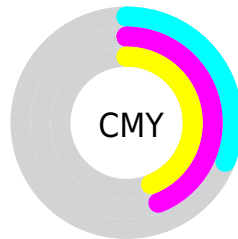
- Red (69%)
- Green (56%)
- Blue (56%)



- Red (69%)
- Yellow (56%)
- Blue (56%)



- Cyan (0%)
- Magenta (19%)
- Yellow (19%)
- Black (31%)





- Cyan (31%)
- Magenta (44%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.5291, 0.3499, 0.3291 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 30.5291, 0.3499, 0.3291 by changing the saturation by 10% instead.


 30.5291, 0.3499,
0.3291


 30.5291, 0.3499,
0.3291


304.3630, 0.3299,
0.3293


 20.2405, 0.3554,
0.3290


 60.4979, 0.3422,
0.3292

 12.5700, 0.3629,
0.3287


 80.9470, 0.3395,
0.3293

 7.1331, 0.3735,
0.3282


 105.5516, 0.3372,
0.3293

 3.5455, 0.3897,
0.3272

134.6963, 0.3353,
0.3293

 1.4227, 0.4174,
0.3248

168.7654, 0.3336,
0.3293

 0.2334, 0.6962,
0.3038


208.1433, 0.3322,


 0.0000, 0.0000,


0.3293

0.0000

253.2143, 0.3310,
0.3293

 30.5291, 0.3499,
0.3291


 30.5291, 0.3499,
0.3291


 25.2126, 0.3763,
0.3292

 36.7586, 0.3287,
0.3290

 20.7624, 0.4089,
0.3293


 43.9368, 0.3117,
0.3290

 17.1338, 0.4480,
0.3294

 52.1025, 0.2980,
0.3290

 14.2766, 0.4928,
0.3295

 61.2912, 0.2870,
0.3289

 12.1350, 0.5403,
0.3297

 71.5364, 0.2781,
0.3289

■ 10.6458, 0.5846,
0.3298

■ 82.8704, 0.2708,
0.3289

■ 9.7347, 0.6184,
0.3299

■ 87.9687, 0.2681,
0.3289

■ 9.2579, 0.6387,
0.3300

■ 9.2288, 0.6401,
0.3300

Harmonies

Analogous

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



30.5291, 0.3329, 0.3112



30.5291, 0.3499, 0.3291



30.5291, 0.3566, 0.3476

Triad

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



30.5291, 0.3499, 0.3291



30.5291, 0.3134, 0.3630



30.5291, 0.2755, 0.2956

Complementary

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



30.5291, 0.3499, 0.3291



39.9315, 0.2843, 0.3289

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.



30.5291, 0.2708, 0.3081



30.5291, 0.3499, 0.3291



30.5291, 0.2922, 0.3476

Square

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



30.5291, 0.3499, 0.3291



30.5291, 0.3350, 0.3681



30.5291, 0.2768, 0.3271



30.5291, 0.2899, 0.2922

Rectangle

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



30.5291, 0.3499, 0.3291



30.5291, 0.3541, 0.3580



30.5291, 0.2768, 0.3271



30.5291, 0.2727, 0.2988

Sweetspot

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



30.5305, 0.3499, 0.3291



70.6579, 0.3228, 0.3290



31.6454, 0.3143, 0.2819



15.1401, 0.3239, 0.3290



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



30.5305, 0.3499, 0.3291



51.2354, 0.3600, 0.3291



35.7833, 0.3456, 0.3525



8.5053, 0.3287, 0.3290



6.7724, 0.6401, 0.3300



0.2131, 0.6400, 0.3299

Inverse Universe

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



30.5305, 0.3499, 0.3291



51.2354, 0.3600, 0.3291



33.8765, 0.2829, 0.3043



8.5053, 0.3287, 0.3290



6.7724, 0.6401, 0.3300



0.2131, 0.6400, 0.3299

Previews

White Background



This preview shows how the Yxy color 30.5291, 0.3499, 0.3291 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 30.5291, 0.3499, 0.3291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

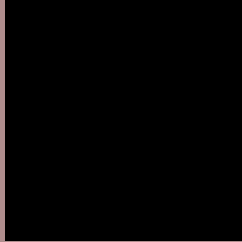
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.5291, 0.3499, 0.3291

Background



This preview shows how black text looks on a background with the Yxy color 30.5291, 0.3499, 0.3291.



This preview shows how white text looks on a background with the Yxy color 30.5291, 0.3499, 0.3291.

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

30.5291, 0.3499, 0.3291

Protanopia

30.7580, 0.3206, 0.3352

Deuteranopia

30.4987, 0.3414, 0.3350



Tritanopia

30.6312, 0.3416, 0.3148

Trichromacy



Original Color

30.5291, 0.3499, 0.3291

Protanomaly

30.5932, 0.3305, 0.3321

Deuteranomaly

30.5275, 0.3450, 0.3335

Tritanomaly

30.5350, 0.3448, 0.3190

Monochromacy



Original Color

30.5291, 0.3499, 0.3291

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

30.8950, 0.3263, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.5291, 0.3499, 0.3291 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(176, 142, 142)` looks like.

```
.text, #text, p{  
    color:rgb(176, 142, 142)  
}
```

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(176, 142, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 142, 142) }
```

Border

The CSS property to change the border of an element to Yxy 30.5291, 0.3499, 0.3291 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(176, 142, 142) }
```

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

```
.border{ border-color:rgb(176, 142, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 142, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 142, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 142, 142);  
box-shadow:4px 4px 4px 4px rgb(176, 142,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 30.5291, 0.3499, 0.3291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 142, 142) }
```

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

```
.background{ background-color: rgb(176,  
142, 142) }
```

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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