

Converting Colors

$Y_{xy}(30.0519, 0.3879, 0.3358)$

Have a look what the booklet for
Yxy(30.0519, 0.3879, 0.3358)
contains.

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Color

Yxy(30.1045, 0.3877, 0.3360)

Conversions

Conversions Part 1

Format	Color
Hex	C28681
RGB	194, 134, 129
RGB Percent	76%, 53%, 51%
CMY	0.2392, 0.4745, 0.4940
CMYK	0.00, 0.31, 0.33, 0.24
HSL	5°, 35%, 63%
HSV	5°, 33%, 76%
XYZ	34.7367, 30.1045, 24.7556
YIQ	151.3700, 37.3650, 11.1650

Conversions

Conversions Part 2

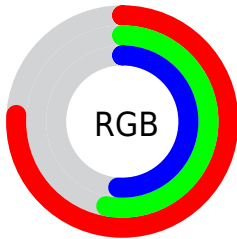
Format	Color
R_{YB}	194, 134, 129
Decimal	12748417
CIE _{Lab}	61.74, 22.38, 11.97
CIE _{LCh}	62, 25.379, 28.152
Yxy	30.1045, 0.3877, 0.3360
Android (android.graphics.Color)	4290938497 (0xFFC28681)
YUV	151.3700, -11.0284, 37.3865
Hunter-Lab	54.8676, 16.9901, 11.6564

Details

The Yxy color **30.1045, 0.3877, 0.3360** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.9662, 0.2648, 0.3218**, and the grayscale version is **31.1517, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.0393, 0.3720, 0.3355**, and **12.4088, 0.4142, 0.3367** is the 20% darker color. If you saturate the color by 10%, you get **25.0986, 0.4216, 0.3381**, and if you desaturate by 10%, it is **36.0499, 0.3597, 0.3338**.

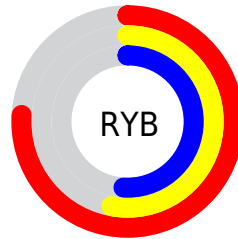
Distribution



Red (76%)

Green (53%)

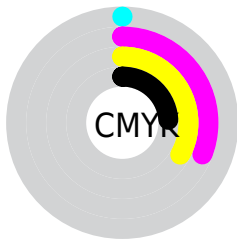
Blue (51%)



Red (76%)

Yellow (53%)

Blue (51%)

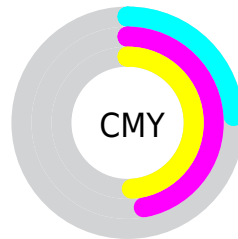


Cyan (0%)

Magenta (31%)

Yellow (33%)

Black (24%)



Cyan (24%)


Magenta (47%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.1045, 0.3877, 0.3360 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 30.1045, 0.3877, 0.3360 by changing the saturation by 10% instead.


 30.1045, 0.3877,
0.3360


 30.1045, 0.3877,
0.3360


302.3912, 0.3471,
0.3333


 19.9179, 0.3989,
0.3363


 59.8274, 0.3721,
0.3352

 12.3354, 0.4141,
0.3365


 80.1325, 0.3666,
0.3349

 6.9725, 0.4355,
0.3361


 104.5792, 0.3619,
0.3345

 3.4449, 0.4678,
0.3344

133.5520, 0.3580,
0.3342

 1.3682, 0.5278,
0.3319

167.4352, 0.3547,
0.3340

 0.1931, 0.7908,
0.2092


206.6132, 0.3518,


 0.0000, 0.0000,


0.3337


0.0000


251.4704, 0.3493,
0.3335


 30.1045, 0.3877,
0.3360


 30.1045, 0.3877,
0.3360


 25.0986, 0.4216,
0.3381


 36.0499, 0.3597,
0.3338


 20.9801, 0.4614,
0.3398


 42.9748, 0.3368,
0.3317


 17.6983, 0.5058,
0.3408


 50.9222, 0.3183,
0.3297


 15.1959, 0.5514,
0.3406

 59.9313, 0.3033,
0.3278


 13.4082, 0.5922,
0.3390

 70.0391, 0.2911,
0.3261

 12.2599, 0.6219,
0.3359

 81.2811, 0.2811,
0.3246

 11.8075, 0.6346,
0.3343

 90.2093, 0.2773,
0.3289

Harmonies

Analogous

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



30.1045, 0.3594, 0.3038



30.1045, 0.3877, 0.3360



30.1045, 0.3941, 0.3687

Triad

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



30.1045, 0.3877, 0.3360



30.1045, 0.3026, 0.3887



30.1045, 0.2500, 0.2649

Complementary

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



30.1045, 0.3877, 0.3360



44.9662, 0.2648, 0.3218

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.



30.1045, 0.2373, 0.2821



30.1045, 0.3877, 0.3360



30.1045, 0.2662, 0.3547

Square

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



30.1045, 0.3877, 0.3360



30.1045, 0.3434, 0.4030



30.1045, 0.2429, 0.3145



30.1045, 0.2789, 0.2641

Rectangle

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



30.1045, 0.3877, 0.3360



30.1045, 0.3852, 0.3870



30.1045, 0.2429, 0.3145



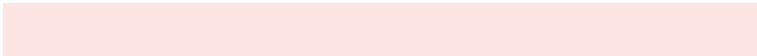
30.1045, 0.2438, 0.2688

Sweetspot

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



30.1059, 0.3877, 0.3360



82.4536, 0.3302, 0.3310



30.8784, 0.3209, 0.2518



17.6185, 0.3330, 0.3313



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.



30.1059, 0.3877, 0.3360



47.8990, 0.4113, 0.3375



40.2699, 0.3738, 0.3780



10.1992, 0.3287, 0.3308



7.8115, 0.6335, 0.3352



0.3810, 0.6111, 0.3530

Inverse Universe

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



44.9662, 0.2648, 0.3218



78.8086, 0.2561, 0.3201



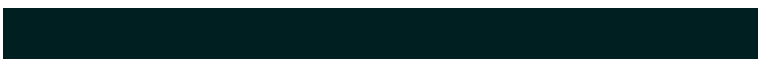
32.7380, 0.2587, 0.2743



11.2920, 0.2984, 0.3272



23.8446, 0.2181, 0.3051



1.0703, 0.2197, 0.3108

Previews

White Background



This preview shows how the Yxy color 30.1045, 0.3877, 0.3360 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 30.1045, 0.3877, 0.3360 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 30.1045, 0.3877, 0.3360

Background



This preview shows how black text looks on a background with the Yxy color 30.1045, 0.3877, 0.3360.



This preview shows how white text looks on a background with the Yxy color 30.1045, 0.3877, 0.3360.

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

30.1045, 0.3877, 0.3360

Protanopia

30.2696, 0.3306, 0.3478

Deuteranopia

30.2495, 0.3610, 0.3544



Tritanopia

30.0576, 0.3743, 0.3157

Trichromacy



Original Color

30.1045, 0.3877, 0.3360

Protanomaly

30.1028, 0.3502, 0.3441

Deuteranomaly

30.0180, 0.3705, 0.3465

Tritanomaly

30.1833, 0.3798, 0.3238

Monochromacy



Original Color

30.1045, 0.3877, 0.3360

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

30.4495, 0.3383, 0.3321

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.1045, 0.3877, 0.3360 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(194, 134, 129)` looks like.

```
.text, #text, p{  
    color:rgb(194, 134, 129)  
}
```

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(194, 134, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 134, 129) }
```

Border

The CSS property to change the border of an element to Yxy 30.1045, 0.3877, 0.3360 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(194, 134, 129) }
```

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

```
.border{ border-color:rgb(194, 134, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 134, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 134, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 134, 129);  
box-shadow:4px 4px 4px 4px rgb(194, 134,  
129) }
```


Background

The CSS property to change the background color of an element to Yxy 30.1045, 0.3877, 0.3360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 134, 129) }
```

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

```
.background{ background-color: rgb(194,  
134, 129) }
```

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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