

Converting Colors

$Y_{xy}(29.8774, 0.4055, 0.3477)$

Have a look what the booklet for
Yxy(29.8774, 0.4055, 0.3477)
contains.

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Color

Yxy(29.8163, 0.4062, 0.3480)

Conversions

Conversions Part 1

Format	Color
Hex	C68476
RGB	198, 132, 118
RGB Percent	78%, 52%, 46%
CMY	0.2237, 0.4823, 0.5373
CMYK	0.00, 0.33, 0.40, 0.22
HSL	11°, 41%, 62%
HSV	11°, 40%, 78%
XYZ	34.8028, 29.8163, 21.0599
YIQ	150.1380, 43.8300, 9.6380

Conversions

Conversions Part 2

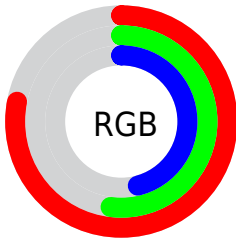
Format	Color
R _Y B	198, 135, 118
Decimal	13010038
CIE Lab	61.50, 23.68, 17.95
CIE LCh	61, 29.711, 37.167
Yxy	29.8163, 0.4062, 0.3480
Android (android.graphics.Color)	4291200118 (0xFFC68476)
YUV	150.1380, -15.8440, 41.9750
Hunter-Lab	54.6043, 18.2119, 15.3559

Details

The Yxy color **29.8163, 0.4062, 0.3480** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.1830, 0.2545, 0.3086**, and the grayscale version is **30.6162, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.2801, 0.3855, 0.3460**, and **12.2276, 0.4383, 0.3508** is the 20% darker color. If you saturate the color by 10%, you get **25.3080, 0.4414, 0.3523**, and if you desaturate by 10%, it is **35.1191, 0.3762, 0.3432**.

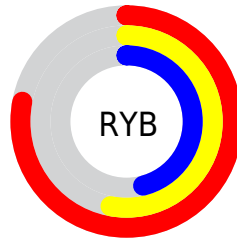
Distribution



Red (78%)

Green (52%)

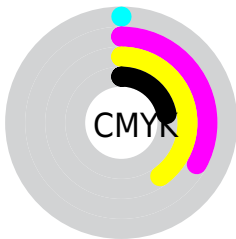
Blue (46%)



Red (78%)

Yellow (53%)

Blue (46%)

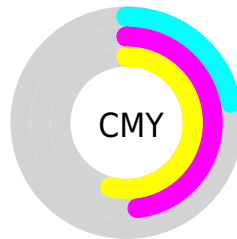


Cyan (0%)

Magenta (33%)

Yellow (40%)

Black (22%)



Cyan (22%)


Magenta (48%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.8163, 0.4062, 0.3480 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 29.8163, 0.4062, 0.3480 by changing the saturation by 10% instead.


 29.8163, 0.4062,
0.3480


 29.8163, 0.4062,
0.3480


301.0472, 0.3555,
0.3395

 19.6992, 0.4202,
0.3496

 59.3715, 0.3868,
0.3453

 12.1766, 0.4389,
0.3512


 79.5785, 0.3798,
0.3441

 6.8641, 0.4650,
0.3523


 103.9175, 0.3740,
0.3431

 3.3772, 0.5039,
0.3518

132.7729, 0.3692,
0.3422

 1.3317, 0.5992,
0.3650

166.5292, 0.3650,
0.3414

 0.1655, 0.8162,
0.1838

205.5708, 0.3614,

 0.0000, 0.0000,

0.3407

0.0000

250.2820, 0.3583,
0.3401

■ 29.8163, 0.4062,
0.3480

■ 29.8163, 0.4062,
0.3480

■ 25.3080, 0.4414,
0.3523

■ 35.1191, 0.3762,
0.3432

■ 21.5516, 0.4811,
0.3555

■ 41.2478, 0.3511,
0.3383

■ 18.5067, 0.5233,
0.3567


■ 48.2373, 0.3304,
0.3336

■ 16.1278, 0.5643,
0.3550


■ 56.1193, 0.3133,
0.3292

■ 14.3636, 0.5987,
0.3502

■ 64.9239, 0.2992,
0.3251

 13.1864, 0.6226,
0.3439

 74.6796, 0.2876,
0.3214

 85.3121, 0.2787,
0.3197

 90.7408, 0.2794,
0.3289

Harmonies

Analogous

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



29.8163, 0.3798, 0.3100



29.8163, 0.4062, 0.3480



29.8163, 0.4048, 0.3847

Triad

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



29.8163, 0.4062, 0.3480



29.8163, 0.2866, 0.3897



29.8163, 0.2479, 0.2524

Complementary

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



29.8163, 0.4062, 0.3480



42.1830, 0.2545, 0.3086

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.



29.8163, 0.2275, 0.2659



29.8163, 0.4062, 0.3480



29.8163, 0.2482, 0.3445

Square

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



29.8163, 0.4062, 0.3480



29.8163, 0.3339, 0.4146



29.8163, 0.2275, 0.2984



29.8163, 0.2860, 0.2572

Rectangle

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



29.8163, 0.4062, 0.3480



29.8163, 0.3890, 0.4039



29.8163, 0.2275, 0.2984



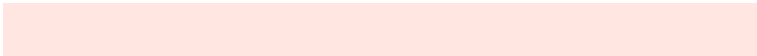
29.8163, 0.2390, 0.2548

Sweetspot

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



29.8178, 0.4062, 0.3480



83.1273, 0.3338, 0.3344



28.4451, 0.3315, 0.2450



17.4300, 0.3364, 0.3350



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.



29.8178, 0.4062, 0.3480



46.0755, 0.4351, 0.3517



42.5515, 0.3851, 0.3980



10.9327, 0.3285, 0.3331



8.6680, 0.6206, 0.3454



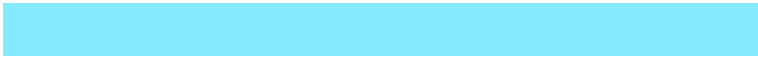
0.5056, 0.5829, 0.3754

Inverse Universe

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



42.1830, 0.2545, 0.3086



70.7545, 0.2445, 0.3037



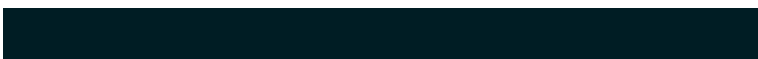
28.0724, 0.2451, 0.2481



11.7388, 0.2984, 0.3248



19.8620, 0.2091, 0.2726



1.0260, 0.2127, 0.2855

Previews

White Background



This preview shows how the Yxy color 29.8163, 0.4062, 0.3480 looks on a white background.

Color Contrast Check

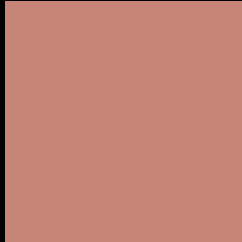
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.8163, 0.4062, 0.3480 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 × Fail

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

Yxy 29.8163, 0.4062, 0.3480

Background



This preview shows how black text looks on a background with the Yxy color 29.8163, 0.4062, 0.3480.



This preview shows how white text looks on a background with the Yxy color 29.8163, 0.4062, 0.3480.

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

29.8163, 0.4062, 0.3480

Protanopia

30.1693, 0.3438, 0.3650

Deuteranopia

29.9045, 0.3756, 0.3691



Tritanopia

29.8440, 0.3847, 0.3160

Trichromacy



Original Color

29.8163, 0.4062, 0.3480

Protanomaly

29.8456, 0.3657, 0.3589

Deuteranomaly

29.8169, 0.3867, 0.3606

Tritanomaly

29.7461, 0.3928, 0.3279

Monochromacy



Original Color

29.8163, 0.4062, 0.3480

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

29.6954, 0.3440, 0.3366

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.8163, 0.4062, 0.3480 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(198, 132, 118)` looks like.

```
.text, #text, p{  
    color:rgb(198, 132, 118)  
}
```

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(198, 132, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 132, 118) }
```

Border

The CSS property to change the border of an element to Yxy 29.8163, 0.4062, 0.3480 is called "border". The border property can be set on classes, ids or directly on the HTML element.

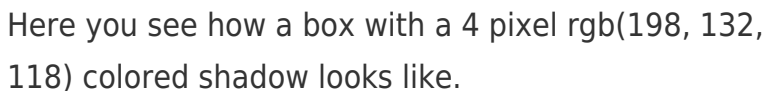
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(198, 132, 118) }
```

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

```
.border{ border-color:rgb(198, 132, 118) }
```

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



Here you see how a box with a 4 pixel `rgb(198, 132, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 132, 118); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 132, 118); box-shadow:4px 4px 4px 4px rgb(198, 132, 118) }
```


Background

The CSS property to change the background color of an element to Yxy 29.8163, 0.4062, 0.3480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 132, 118) }
```

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

```
.background{ background-color: rgb(198,  
132, 118) }
```

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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