

Converting Colors

$Y_{xy}(30.2252, 0.4068, 0.3492)$

Have a look what the booklet for
Yxy(30.2252, 0.4068, 0.3492)
contains.

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Color

Yxy(30.2252, 0.4068, 0.3492)

Conversions

Conversions Part 1

Format	Color
Hex	C78576
RGB	199, 133, 118
RGB Percent	78%, 52%, 46%
CMY	0.2196, 0.4784, 0.5372
CMYK	0.00, 0.33, 0.41, 0.22
HSL	11°, 42%, 62%
HSV	11°, 41%, 78%
XYZ	35.2108, 30.2252, 21.1196
YIQ	151.0240, 44.1510, 9.3270

Conversions

Conversions Part 2

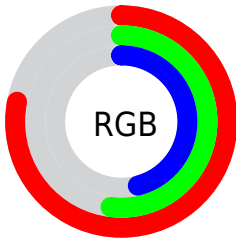
Format	Color
R _Y B	199, 136, 118
Decimal	13075830
CIE Lab	61.85, 23.55, 18.45
CIE LCh	62, 29.914, 38.076
Yxy	30.2252, 0.4068, 0.3492
Android (android.graphics.Color)	4291265910 (0xFFC78576)
YUV	151.0240, -16.2808, 42.0750
Hunter-Lab	54.9774, 18.1114, 15.7080

Details

The Yxy color **30.2252, 0.4068, 0.3492** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.2566, 0.2539, 0.3073**, and the grayscale version is **31.0161, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.7029, 0.3852, 0.3470**, and **12.4683, 0.4389, 0.3524** is the 20% darker color. If you saturate the color by 10%, you get **25.6997, 0.4418, 0.3537**, and if you desaturate by 10%, it is **35.5389, 0.3768, 0.3441**.

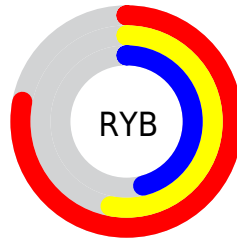
Distribution



Red (78%)

Green (52%)

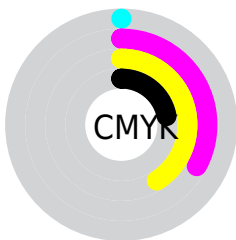
Blue (46%)



Red (78%)

Yellow (53%)

Blue (46%)

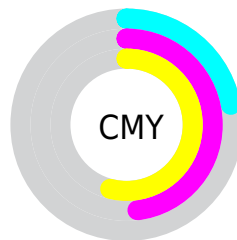


Cyan (0%)

Magenta (33%)

Yellow (41%)

Black (22%)



Cyan (22%)


Magenta (48%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.2252, 0.4068, 0.3492 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 30.2252, 0.4068, 0.3492 by changing the saturation by 10% instead.


 30.2252, 0.4068,
0.3492


 30.2252, 0.4068,
0.3492


302.9528, 0.3559,
0.3401


 20.0096, 0.4208,
0.3509


 60.0181, 0.3874,
0.3463

 12.4020, 0.4394,
0.3527


 80.3642, 0.3804,
0.3450

 7.0181, 0.4655,
0.3541


 104.8560, 0.3745,
0.3440

 3.4734, 0.5040,
0.3538

133.8777, 0.3696,
0.3430

 1.3836, 0.5966,
0.3667

167.8139, 0.3655,
0.3422

 0.2046, 0.7899,
0.2101

207.0488, 0.3618,

 0.0000, 0.0000,

0.3414

0.0000

251.9670, 0.3587,
0.3408

■ 30.2252, 0.4068,
0.3492

■ 30.2252, 0.4068,
0.3492

■ 25.6997, 0.4418,
0.3537

■ 35.5389, 0.3768,
0.3441

■ 21.9202, 0.4813,
0.3571

■ 41.6713, 0.3517,
0.3390

■ 18.8475, 0.5232,
0.3583


■ 48.6570, 0.3310,
0.3340

■ 16.4365, 0.5638,
0.3566


■ 56.5271, 0.3138,
0.3293


■ 14.6372, 0.5978,
0.3516

■ 65.3112, 0.2996,
0.3250

 13.4559, 0.6210,
0.3451

 75.0373, 0.2879,
0.3211

 85.5831, 0.2793,
0.3200

 90.8820, 0.2800,
0.3289

Harmonies

Analogous

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



30.2252, 0.3811, 0.3111



30.2252, 0.4068, 0.3492



30.2252, 0.4045, 0.3858

Triad

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



30.2252, 0.4068, 0.3492



30.2252, 0.2852, 0.3887



30.2252, 0.2487, 0.2521

Complementary

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



30.2252, 0.4068, 0.3492



42.2566, 0.2539, 0.3073

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.



30.2252, 0.2276, 0.2651



30.2252, 0.4068, 0.3492



30.2252, 0.2471, 0.3431

Square

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



30.2252, 0.4068, 0.3492



30.2252, 0.3325, 0.4145



30.2252, 0.2270, 0.2971



30.2252, 0.2873, 0.2574

Rectangle

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



30.2252, 0.4068, 0.3492



30.2252, 0.3882, 0.4048



30.2252, 0.2270, 0.2971



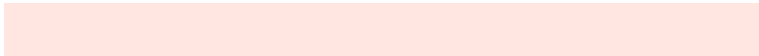
30.2252, 0.2395, 0.2543

Sweetspot

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



30.2267, 0.4068, 0.3492



83.2943, 0.3338, 0.3347



28.5674, 0.3331, 0.2459



17.4690, 0.3364, 0.3353



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.



30.2267, 0.4068, 0.3492



45.7175, 0.4382, 0.3533



43.4722, 0.3851, 0.4002



10.9494, 0.3285, 0.3333



8.7475, 0.6190, 0.3467



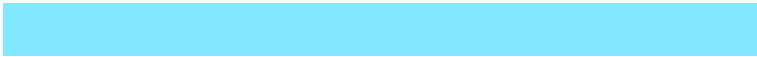
0.5132, 0.5802, 0.3775

Inverse Universe

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



42.2566, 0.2539, 0.3073



69.6047, 0.2430, 0.3016



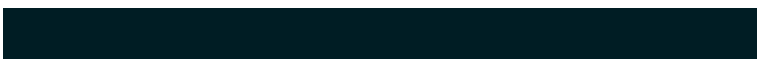
27.8174, 0.2442, 0.2452



11.7206, 0.2984, 0.3246



19.4204, 0.2081, 0.2692



1.0086, 0.2120, 0.2830

Previews

White Background



This preview shows how the Yxy color 30.2252, 0.4068, 0.3492 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 30.2252, 0.4068, 0.3492 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 30.2252, 0.4068, 0.3492

Background



This preview shows how black text looks on a background with the Yxy color 30.2252, 0.4068, 0.3492.



This preview shows how white text looks on a background with the Yxy color 30.2252, 0.4068, 0.3492.

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

30.2252, 0.4068, 0.3492

Protanopia

30.2704, 0.3449, 0.3649

Deuteranopia

30.4376, 0.3774, 0.3702



Tritanopia

30.2762, 0.3842, 0.3161

Trichromacy



Original Color

30.2252, 0.4068, 0.3492

Protanomaly

29.9592, 0.3669, 0.3588

Deuteranomaly

30.2309, 0.3873, 0.3618

Tritanomaly

30.1779, 0.3923, 0.3279

Monochromacy



Original Color

30.2252, 0.4068, 0.3492

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

30.1354, 0.3438, 0.3366

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.2252, 0.4068, 0.3492 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(199, 133, 118)` looks like.

```
.text, #text, p{  
    color:rgb(199, 133, 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(199, 133, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 133, 118) }
```

Border

The CSS property to change the border of an element to Yxy 30.2252, 0.4068, 0.3492 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(199, 133, 118) }
```

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

```
.border{ border-color:rgb(199, 133, 118) }
```

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

Here you see how a box with a 4 pixel rgb(199, 133, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 133, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 133, 118);  
box-shadow:4px 4px 4px 4px rgb(199, 133,  
118) }
```


Background

The CSS property to change the background color of an element to Yxy 30.2252, 0.4068, 0.3492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 133, 118) }
```

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

```
.background{ background-color: rgb(199,  
133, 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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