

Converting Colors

$Yxy(30.9454, 0.3906, 0.3359)$

Have a look what the booklet for
Yxy(30.9454, 0.3906, 0.3359)
contains.

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Color

Yxy(30.9454, 0.3906, 0.3359)

Conversions

Conversions Part 1

Format	Color
Hex	C68782
RGB	198, 135, 130
RGB Percent	78%, 53%, 51%
CMY	0.2235, 0.4706, 0.4902
CMYK	0.00, 0.32, 0.34, 0.22
HSL	4°, 37%, 64%
HSV	4°, 34%, 78%
XYZ	35.9847, 30.9454, 25.1967
YIQ	153.2670, 39.1530, 11.8010

Conversions

Conversions Part 2

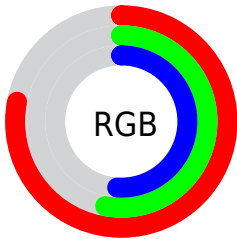
Format	Color
RYB	198, 135, 130
Decimal	13010818
CIELab	62.46, 23.52, 12.49
CIElCh	62, 26.627, 27.974
Yxy	30.9454, 0.3906, 0.3359
Android (android.graphics.Color)	4291200898 (0xFFC68782)
YUV	153.2670, -11.4706, 39.2308
Hunter-Lab	55.6286, 18.1171, 12.0849

Details

The Yxy color **30.9454, 0.3906, 0.3359** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.9726, 0.2637, 0.3219**, and the grayscale version is **32.0167, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.0741, 0.3734, 0.3355**, and **12.8419, 0.4164, 0.3366** is the 20% darker color. If you saturate the color by 10%, you get **25.7792, 0.4252, 0.3379**, and if you desaturate by 10%, it is **37.0991, 0.3620, 0.3338**.

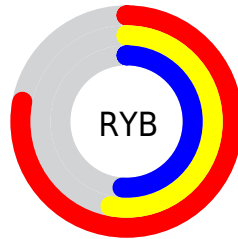
Distribution



Red (78%)

Green (53%)

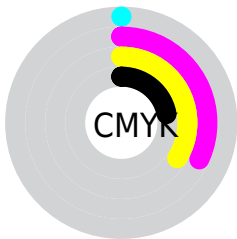
Blue (51%)



Red (78%)

Yellow (53%)

Blue (51%)

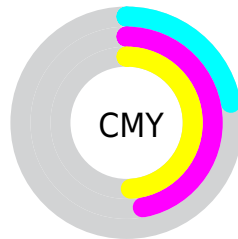


Cyan (0%)

Magenta (32%)

Yellow (34%)

Black (22%)



Cyan (22%)


Magenta (47%)

Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.9454, 0.3906, 0.3359 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 30.9454, 0.3906, 0.3359 by changing the saturation by 10% instead.


 30.9454, 0.3906,
0.3359


 30.9454, 0.3906,
0.3359


306.2867, 0.3486,
0.3333

 20.5573, 0.4021,
0.3362


 61.1541, 0.3746,
0.3352

 12.8008, 0.4176,
0.3362

 81.7435, 0.3688,
0.3349

 7.2915, 0.4394,
0.3357


 106.5020, 0.3640,
0.3346

 3.6451, 0.4721,
0.3336

135.8142, 0.3599,
0.3343

 1.4771, 0.5301,
0.3296

170.0643, 0.3565,
0.3340

 0.2725, 0.7535,
0.2465

209.6369, 0.3535,

 0.0000, 0.0000,

0.3338

0.0000

254.9162, 0.3509,
0.3335

■ 30.9454, 0.3906,
0.3359

■ 30.9454, 0.3906,
0.3359

■ 25.7792, 0.4252,
0.3379

■ 37.0991, 0.3620,
0.3338

■ 21.5449, 0.4657,
0.3395

■ 44.2833, 0.3386,
0.3317

■ 18.1883, 0.5105,
0.3404

■ 52.5438, 0.3198,
0.3298


■ 15.6477, 0.5561,
0.3401


■ 61.9224, 0.3045,
0.3280

■ 13.8534, 0.5962,
0.3383

■ 72.4586, 0.2920,
0.3264

 12.7238, 0.6244,
0.3353

 84.1900, 0.2819,
0.3249

 12.3364, 0.6350,
0.3340

 90.7476, 0.2794,
0.3289

Harmonies

Analogous

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



30.9454, 0.3610, 0.3026



30.9454, 0.3906, 0.3359



30.9454, 0.3974, 0.3698

Triad

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



30.9454, 0.3906, 0.3359



30.9454, 0.3024, 0.3914



30.9454, 0.2475, 0.2626

Complementary

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



30.9454, 0.3906, 0.3359



46.9726, 0.2637, 0.3219

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.



30.9454, 0.2345, 0.2804



30.9454, 0.3906, 0.3359



30.9454, 0.2646, 0.3559

Square

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



30.9454, 0.3906, 0.3359



30.9454, 0.3447, 0.4060



30.9454, 0.2404, 0.3140



30.9454, 0.2774, 0.2617

Rectangle

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



30.9454, 0.3906, 0.3359



30.9454, 0.3881, 0.3889



30.9454, 0.2404, 0.3140



30.9454, 0.2411, 0.2666

Sweetspot

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



30.9469, 0.3906, 0.3359



84.3057, 0.3302, 0.3309



31.8457, 0.3212, 0.2497



17.6074, 0.3330, 0.3312



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.



30.9469, 0.3906, 0.3359



47.9737, 0.4151, 0.3374



41.8256, 0.3757, 0.3793



10.7599, 0.3288, 0.3308



8.0702, 0.6339, 0.3349



0.4266, 0.6135, 0.3510

Inverse Universe

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



46.9726, 0.2637, 0.3219



80.4659, 0.2550, 0.3202



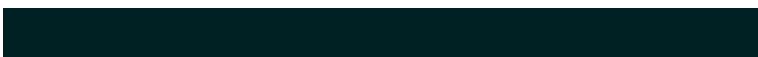
33.7840, 0.2572, 0.2726



11.9291, 0.2984, 0.3272



24.8544, 0.2184, 0.3061



1.2176, 0.2198, 0.3112

Previews

White Background



This preview shows how the Yxy color 30.9454, 0.3906, 0.3359 looks on a white background.

Color Contrast Check

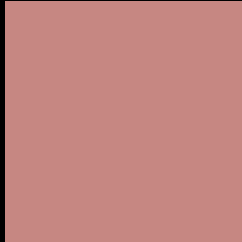
Large Text (above 18pt) WCAG AA × Fail

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 30.9454, 0.3906, 0.3359 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 30.9454, 0.3906, 0.3359

Background



This preview shows how black text looks on a background with the Yxy color 30.9454, 0.3906, 0.3359.



This preview shows how white text looks on a background with the Yxy color 30.9454, 0.3906, 0.3359.

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

30.9454, 0.3906, 0.3359

Protanopia

31.1363, 0.3314, 0.3491

Deuteranopia

31.1150, 0.3615, 0.3556



Tritanopia

30.9003, 0.3773, 0.3159

Trichromacy



Original Color

30.9454, 0.3906, 0.3359

Protanomaly

30.7707, 0.3522, 0.3439

Deuteranomaly

30.9983, 0.3719, 0.3476

Tritanomaly

31.0273, 0.3828, 0.3239

Monochromacy



Original Color

30.9454, 0.3906, 0.3359

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

31.0371, 0.3382, 0.3306

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.9454, 0.3906, 0.3359 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, 135, 130)` looks like.

```
.text, #text, p{  
    color:rgb(198, 135, 130)  
}
```

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, 135, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 135, 130) }
```

Border

The CSS property to change the border of an element to Yxy 30.9454, 0.3906, 0.3359 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, 135, 130) }
```

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

```
.border{ border-color:rgb(198, 135, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 135, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 135, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 135, 130);  
box-shadow:4px 4px 4px 4px rgb(198, 135,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 30.9454, 0.3906, 0.3359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 135, 130) }
```

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

```
.background{ background-color: rgb(198,  
135, 130) }
```

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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