

Converting Colors

$Y_{xy}(30.8589, 0.3466, 0.3313)$

Have a look what the booklet for
Yxy(30.8589, 0.3466, 0.3313)
contains.

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Color

Yxy(30.8982, 0.3472, 0.3320)

Conversions

Conversions Part 1

Format	Color
Hex	AE908E
RGB	174, 144, 142
RGB Percent	68%, 56%, 56%
CMY	0.3176, 0.4353, 0.4431
CMYK	0.00, 0.17, 0.18, 0.32
HSL	4°, 16%, 62%
HSV	4°, 18%, 68%
XYZ	32.3128, 30.8982, 29.8559
YIQ	152.7420, 18.5220, 5.7380

Conversions

Conversions Part 2

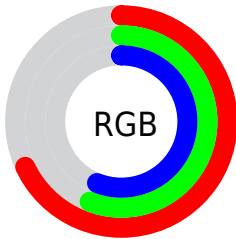
Format	Color
R_{YB}	174, 144, 142
Decimal	11440270
CIE _{Lab}	62.42, 10.94, 5.28
CIE _{LCh}	62, 12.147, 25.747
Yxy	30.8982, 0.3472, 0.3320
Android (android.graphics.Color)	4289630350 (0xFFAE908E)
YUV	152.7420, -5.2958, 18.6433
Hunter-Lab	55.5861, 6.4882, 7.0651

Details

The Yxy color **30.8982, 0.3472, 0.3320** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.3189, 0.2854, 0.3260**, and the grayscale version is **31.7558, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.1967, 0.3399, 0.3313**, and **12.8431, 0.3586, 0.3333** is the 20% darker color. If you saturate the color by 10%, you get **25.8259, 0.3724, 0.3338**, and if you desaturate by 10%, it is **36.7694, 0.3268, 0.3303**.

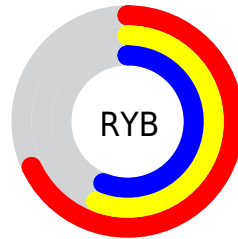
Distribution



Red (68%)

Green (56%)

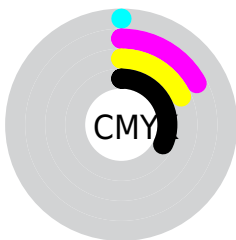
Blue (56%)



Red (68%)

Yellow (56%)

Blue (56%)

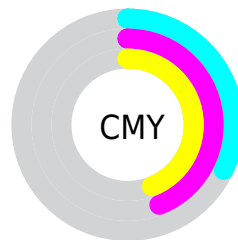


Cyan (0%)

Magenta (17%)

Yellow (18%)

Black (32%)



Cyan (32%)


Magenta (44%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.8982, 0.3472, 0.3320 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 30.8982, 0.3472, 0.3320 by changing the saturation by 10% instead.

 30.8982, 0.3472,
0.3320


 30.8982, 0.3472,
0.3320


306.0691, 0.3287,
0.3306

 20.5213, 0.3523,
0.3323


 61.0798, 0.3401,
0.3315

 12.7746, 0.3592,
0.3326


 81.6533, 0.3376,
0.3313

 7.2735, 0.3689,
0.3330


 106.3944, 0.3355,
0.3312

 3.6337, 0.3838,
0.3333

135.6876, 0.3337,
0.3310

 1.4709, 0.4092,
0.3331

169.9173, 0.3321,
0.3309

 0.2681, 0.6606,
0.3394

209.4679, 0.3308,

 0.0000, 0.0000,


0.3308


0.0000


254.7236, 0.3297,
0.3307

 30.8982, 0.3472,
0.3320


 30.8982, 0.3472,
0.3320

 25.8259, 0.3724,
0.3338


 36.7694, 0.3268,
0.3303


 21.5141, 0.4031,
0.3355


 43.4674, 0.3103,
0.3288


 17.9272, 0.4399,
0.3371

 51.0242, 0.2969,
0.3273

 15.0256, 0.4822,
0.3383

 59.4685, 0.2860,
0.3261

 12.7654, 0.5278,
0.3387

 68.8281, 0.2770,
0.3249

■ 11.0981, 0.5720,
0.3380

■ 79.1290, 0.2696,
0.3239

■ 9.9678, 0.6084,
0.3361

■ 87.7394, 0.2671,
0.3289

■ 9.3052, 0.6322,
0.3338

■ 9.2347, 0.6353,
0.3338

Harmonies

Analogous

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



30.8982, 0.3335, 0.3157



30.8982, 0.3472, 0.3320



30.8982, 0.3513, 0.3480

Triad

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



30.8982, 0.3472, 0.3320



30.8982, 0.3101, 0.3571



30.8982, 0.2813, 0.2984

Complementary

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



30.8982, 0.3472, 0.3320



38.3189, 0.2854, 0.3260

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.



30.8982, 0.2756, 0.3083



30.8982, 0.3472, 0.3320



30.8982, 0.2918, 0.3426

Square

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



30.8982, 0.3472, 0.3320



30.8982, 0.3295, 0.3634



30.8982, 0.2794, 0.3244



30.8982, 0.2954, 0.2967

Rectangle

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



30.8982, 0.3472, 0.3320



30.8982, 0.3480, 0.3566



30.8982, 0.2794, 0.3244



30.8982, 0.2784, 0.3008

Sweetspot

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



30.8996, 0.3472, 0.3320



69.3282, 0.3227, 0.3300



31.3428, 0.3164, 0.2864



15.2443, 0.3238, 0.3301



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.



30.8996, 0.3472, 0.3320



52.1919, 0.3566, 0.3327



35.9587, 0.3433, 0.3543



8.0924, 0.3285, 0.3305



6.7300, 0.6343, 0.3345



0.2126, 0.6109, 0.3531

Inverse Universe

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



38.3189, 0.2854, 0.3260



68.1202, 0.2799, 0.3253



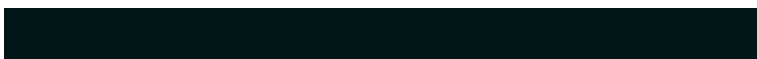
32.7223, 0.2842, 0.3024



8.9854, 0.2986, 0.3275



21.2928, 0.2194, 0.3098



0.6174, 0.2211, 0.3160

Previews

White Background



This preview shows how the Yxy color 30.8982, 0.3472, 0.3320 looks on a white background.

Color Contrast Check

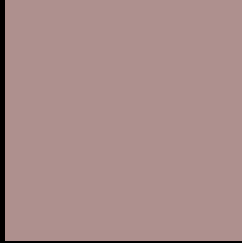
Large Text (above 18pt) WCAG AA × Fail

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 30.8982, 0.3472, 0.3320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

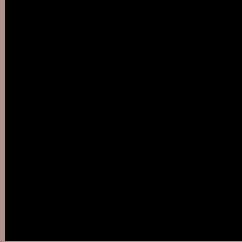
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.8982, 0.3472, 0.3320

Background



This preview shows how black text looks on a background with the Yxy color 30.8982, 0.3472, 0.3320.



This preview shows how white text looks on a background with the Yxy color 30.8982, 0.3472, 0.3320.

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

30.8982, 0.3472, 0.3320

Protanopia

30.8566, 0.3217, 0.3352

Deuteranopia

30.9458, 0.3413, 0.3350



Tritanopia

30.7599, 0.3371, 0.3133

Trichromacy



Original Color

30.8982, 0.3472, 0.3320

Protanomaly

30.9055, 0.3303, 0.3336

Deuteranomaly

30.8617, 0.3437, 0.3335

Tritanomaly

30.9288, 0.3411, 0.3204

Monochromacy



Original Color

30.8982, 0.3472, 0.3320

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

31.5597, 0.3250, 0.3305

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.8982, 0.3472, 0.3320 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(174, 144, 142)` looks like.

```
.text, #text, p{  
    color:rgb(174, 144, 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(174, 144, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 144, 142) }
```

Border

The CSS property to change the border of an element to Yxy 30.8982, 0.3472, 0.3320 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(174, 144, 142) }
```

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

```
.border{ border-color:rgb(174, 144, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 144, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 144, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 144, 142);  
box-shadow:4px 4px 4px 4px rgb(174, 144,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 30.8982, 0.3472, 0.3320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 144, 142) }
```

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

```
.background{ background-color: rgb(174,  
144, 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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