

Converting Colors

$Y_{xy}(30.4510, 0.3412, 0.3215)$

Have a look what the booklet for
Yxy(30.4510, 0.3412, 0.3215)
contains.

Yxy(30.3368, 0.3413, 0.3218)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(30.3368, 0.3413, 0.3218)

Conversions

Conversions Part 1

Format	Color
Hex	AD8E93
RGB	173, 142, 147
RGB Percent	68%, 56%, 58%
CMY	0.3215, 0.4431, 0.4236
CMYK	0.00, 0.18, 0.15, 0.32
HSL	350°, 16%, 62%
HSV	350°, 18%, 68%
XYZ	32.1751, 30.3368, 31.7603
YIQ	151.8390, 16.8710, 8.1270

Conversions

Conversions Part 2

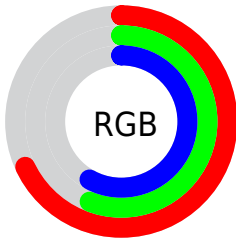
Format	Color
RYB	173, 142, 147
Decimal	11374227
CIELab	61.94, 12.50, 1.75
CIELCh	62, 12.626, 7.952
Yxy	30.3368, 0.3413, 0.3218
Android (android.graphics.Color)	4289564307 (0xFFAD8E93)
YUV	151.8390, -2.3856, 18.5582
Hunter-Lab	55.0789, 7.8854, 4.3666

Details

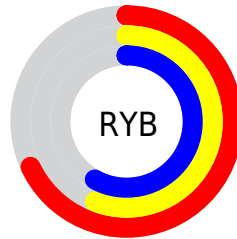
The Yxy color **30.3368, 0.3413, 0.3218** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.4721, 0.2900, 0.3364**, and the grayscale version is **31.3324, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.3549, 0.3355, 0.3235**, and **12.5104, 0.3499, 0.3188** is the 20% darker color. If you saturate the color by 10%, you get **25.1559, 0.3626, 0.3175**, and if you desaturate by 10%, it is **36.3771, 0.3240, 0.3259**.

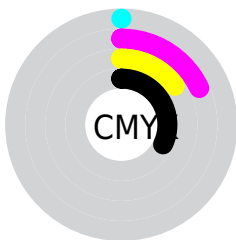
Distribution



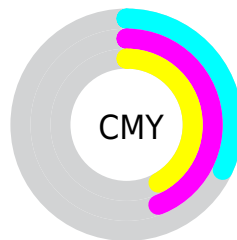
- Red (68%)
- Green (56%)
- Blue (58%)



- Red (68%)
- Yellow (56%)
- Blue (58%)



- Cyan (0%)
- Magenta (18%)
- Yellow (15%)
- Black (32%)




- Cyan (32%)
- Magenta (44%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 30.3368, 0.3413, 0.3218 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 30.3368, 0.3413, 0.3218 by changing the saturation by 10% instead.


 30.3368, 0.3413,
0.3218


 30.3368, 0.3413,
0.3218


303.4712, 0.3259,
0.3258


 20.0944, 0.3455,
0.3207


 60.1944, 0.3354,
0.3233

 12.4637, 0.3512,
0.3192


 80.5784, 0.3333,
0.3239

 7.0603, 0.3593,
0.3170


 105.1116, 0.3316,
0.3243

 3.4998, 0.3717,
0.3135

134.1786, 0.3301,
0.3247

 1.3979, 0.3930,
0.3074

168.1636, 0.3288,
0.3250

 0.2152, 0.6089,
0.2570

207.4511, 0.3277,

 0.0000, 0.0000,

0.3253


0.0000


252.4255, 0.3268,
0.3255


 30.3368, 0.3413,
0.3218


 30.3368, 0.3413,
0.3218


 25.1559, 0.3626,
0.3175

 36.3771, 0.3240,
0.3259

 20.7913, 0.3888,
0.3132


 43.3090, 0.3101,
0.3298


 17.2026, 0.4203,
0.3093

 51.1683, 0.2987,
0.3333

 14.3440, 0.4571,
0.3063

 59.9873, 0.2895,
0.3365

 12.1653, 0.4982,
0.3049

 69.7970, 0.2820,
0.3395

■ 10.6096, 0.5406,
0.3059

■ 80.6269, 0.2758,
0.3421

■ 9.6107, 0.5797,
0.3098

■ 87.2210, 0.2697,
0.3359

■ 9.0622, 0.6106,
0.3158

■ 87.6261, 0.2666,
0.3289

■ 8.9693, 0.6161,
0.3168

Harmonies

Analogous

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



30.3368, 0.3230, 0.3066



30.3368, 0.3413, 0.3218



30.3368, 0.3519, 0.3392

Triad

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



30.3368, 0.3413, 0.3218



30.3368, 0.3222, 0.3636



30.3368, 0.2752, 0.3022

Complementary

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



30.3368, 0.3413, 0.3218



38.4721, 0.2900, 0.3364

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.



30.3368, 0.2751, 0.3167



30.3368, 0.3413, 0.3218



30.3368, 0.3017, 0.3531

Square

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



30.3368, 0.3413, 0.3218



30.3368, 0.3405, 0.3639



30.3368, 0.2846, 0.3356



30.3368, 0.2850, 0.2952

Rectangle

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



30.3368, 0.3413, 0.3218



30.3368, 0.3529, 0.3500



30.3368, 0.2846, 0.3356



30.3368, 0.2740, 0.3063

Sweetspot

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



30.3382, 0.3413, 0.3218



68.4960, 0.3198, 0.3270



30.6715, 0.3095, 0.2848



14.7088, 0.3208, 0.3268



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



30.3382, 0.3413, 0.3218



50.0018, 0.3503, 0.3199



33.4054, 0.3441, 0.3441



8.0356, 0.3262, 0.3254



6.5937, 0.6139, 0.3156



0.1897, 0.5436, 0.2768

Inverse Universe

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



30.3382, 0.3413, 0.3218



50.0018, 0.3503, 0.3199



34.8483, 0.2855, 0.3134



8.0356, 0.3262, 0.3254



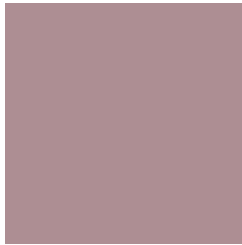
6.5937, 0.6139, 0.3156



0.1897, 0.5436, 0.2768

Previews

White Background



This preview shows how the Yxy color 30.3368, 0.3413, 0.3218 looks on a white background.

Color Contrast Check

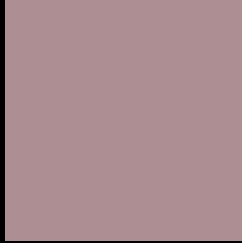
Large Text (above 18pt) WCAG AA × Fail

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 30.3368, 0.3413, 0.3218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

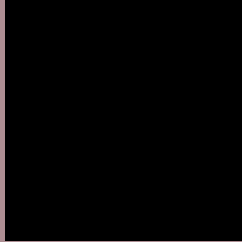
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.3368, 0.3413, 0.3218

Background



This preview shows how black text looks on a background with the Yxy color 30.3368, 0.3413, 0.3218.



This preview shows how white text looks on a background with the Yxy color 30.3368, 0.3413, 0.3218.

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

30.3368, 0.3413, 0.3218

Protanopia

30.4047, 0.3139, 0.3259

Deuteranopia

30.4331, 0.3341, 0.3276



Tritanopia

30.3154, 0.3373, 0.3132

Trichromacy



Original Color

30.3368, 0.3413, 0.3218

Protanomaly

30.2334, 0.3235, 0.3230

Deuteranomaly

30.4569, 0.3375, 0.3261

Tritanomaly

30.2504, 0.3394, 0.3160

Monochromacy



Original Color

30.3368, 0.3413, 0.3218

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

30.8554, 0.3232, 0.3260

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.3368, 0.3413, 0.3218 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(173, 142, 147)` looks like.

```
.text, #text, p{  
    color:rgb(173, 142, 147)  
}
```

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(173, 142, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 142, 147) }
```

Border

The CSS property to change the border of an element to Yxy 30.3368, 0.3413, 0.3218 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(173, 142, 147) }
```

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

```
.border{ border-color:rgb(173, 142, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 142, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 142, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 142, 147);  
box-shadow:4px 4px 4px 4px rgb(173, 142,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 30.3368, 0.3413, 0.3218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 142, 147) }
```

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

```
.background{ background-color: rgb(173,  
142, 147) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor