

Converting Colors

$Y_{xy}(27.1024, 0.3508, 0.3218)$

Have a look what the booklet for
Yxy(27.1024, 0.3508, 0.3218)
contains.

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Color

Yxy(27.1561, 0.3500, 0.3216)

Conversions

Conversions Part 1

Format	Color
Hex	AA858A
RGB	170, 133, 138
RGB Percent	67%, 52%, 54%
CMY	0.3333, 0.4784, 0.4588
CMYK	0.00, 0.22, 0.19, 0.33
HSL	352°, 18%, 59%
HSV	352°, 22%, 67%
XYZ	29.5542, 27.1561, 27.7303
YIQ	144.6330, 20.4470, 9.3990

Conversions

Conversions Part 2

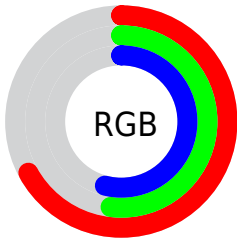
Format	Color
RYB	170, 133, 138
Decimal	11175306
CIELab	59.12, 14.95, 2.74
CIElCh	59, 15.200, 10.390
Yxy	27.1561, 0.3500, 0.3216
Android (android.graphics.Color)	4289365386 (0xFFAA858A)
YUV	144.6330, -3.2701, 22.2469
Hunter-Lab	52.1115, 10.0383, 4.9279

Details

The Yxy color $27.1561, 0.3500, 0.3216$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $36.4563, 0.2848, 0.3366$, and the grayscale version is $28.1670, 0.3127, 0.3290$.

A 20% lighter version of the original color is $55.0482, 0.3427, 0.3234$, and $10.6730, 0.3638, 0.3185$ is the 20% darker color. If you saturate the color by 10%, you get $22.4754, 0.3738, 0.3180$, and if you desaturate by 10%, it is $32.6504, 0.3307, 0.3251$.

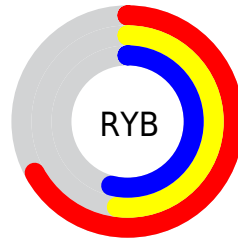
Distribution



Red (67%)

Green (52%)

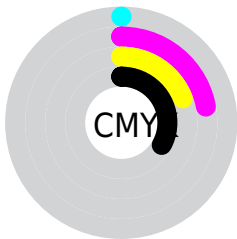
Blue (54%)



Red (67%)

Yellow (52%)

Blue (54%)

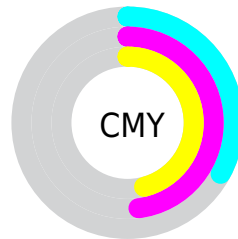


Cyan (0%)

Magenta (22%)

Yellow (19%)

Black (33%)



Cyan (33%)


Magenta (48%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.1561, 0.3500, 0.3216 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 27.1561, 0.3500, 0.3216 by changing the saturation by 10% instead.


 27.1561, 0.3500,
0.3216


 27.1561, 0.3500,
0.3216


288.4121, 0.3296,
0.3258


 17.6905, 0.3558,
0.3203


 55.1343, 0.3421,
0.3233

 10.7280, 0.3637,
0.3186


 74.4156, 0.3393,
0.3238

 5.8842, 0.3751,
0.3160

 97.7376, 0.3370,
0.3243

 2.7748, 0.3930,
0.3117

125.4848, 0.3350,
0.3247

 1.0153, 0.4252,
0.3035

158.0414, 0.3334,
0.3251

 0.0000, 1.0000,
0.0000

195.7919, 0.3319,

 0.0000, 0.0000,

0.3253

0.0000

239.1207, 0.3307,
0.3256

■ 27.1561, 0.3500,
0.3216

■ 27.1561, 0.3500,
0.3216

■ 22.4754, 0.3738,
0.3180

■ 32.6504, 0.3307,
0.3251

■ 18.5660, 0.4028,
0.3145

■ 38.9905, 0.3151,
0.3284

■ 15.3876, 0.4375,
0.3115


■ 46.2113, 0.3026,
0.3315

■ 12.8947, 0.4774,
0.3095


■ 54.3449, 0.2923,
0.3343


■ 11.0365, 0.5205,
0.3092


■ 63.4214, 0.2840,
0.3368

 9.7553, 0.5628,
0.3112

 73.4700, 0.2772,
0.3391

 8.9829, 0.5988,
0.3157

 84.5181, 0.2715,
0.3412

 8.6089, 0.6213,
0.3196

 87.2871, 0.2652,
0.3289

Harmonies

Analogous

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



27.1561, 0.3275, 0.3026



27.1561, 0.3500, 0.3216



27.1561, 0.3623, 0.3431

Triad

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



27.1561, 0.3500, 0.3216



27.1561, 0.3222, 0.3720



27.1561, 0.2667, 0.2943

Complementary

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



27.1561, 0.3500, 0.3216



36.4563, 0.2848, 0.3366

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.



27.1561, 0.2656, 0.3116



27.1561, 0.3500, 0.3216



27.1561, 0.2969, 0.3578

Square

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



27.1561, 0.3500, 0.3216



27.1561, 0.3457, 0.3731



27.1561, 0.2764, 0.3351



27.1561, 0.2796, 0.2869

Rectangle

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



27.1561, 0.3500, 0.3216



27.1561, 0.3628, 0.3563



27.1561, 0.2764, 0.3351



27.1561, 0.2650, 0.2991

Sweetspot

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



27.1573, 0.3500, 0.3216



64.3778, 0.3231, 0.3267



27.6191, 0.3093, 0.2751



14.2114, 0.3240, 0.3265



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.



27.1573, 0.3500, 0.3216



45.0948, 0.3606, 0.3199



30.7840, 0.3518, 0.3484



7.5582, 0.3265, 0.3260



6.3371, 0.6193, 0.3185



0.1590, 0.5526, 0.2818

Inverse Universe

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



27.1573, 0.3500, 0.3216



45.0948, 0.3606, 0.3199



32.0222, 0.2796, 0.3088



7.5582, 0.3265, 0.3260



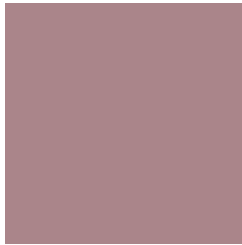
6.3371, 0.6193, 0.3185



0.1590, 0.5526, 0.2818

Previews

White Background



This preview shows how the Yxy color 27.1561, 0.3500, 0.3216 looks on a white background.

Color Contrast Check

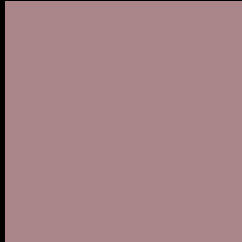
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.1561, 0.3500, 0.3216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

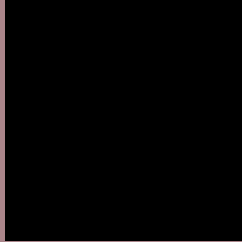
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.1561, 0.3500, 0.3216

Background



This preview shows how black text looks on a background with the Yxy color 27.1561, 0.3500, 0.3216.



This preview shows how white text looks on a background with the Yxy color 27.1561, 0.3500, 0.3216.

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

27.1561, 0.3500, 0.3216

Protanopia

27.3489, 0.3149, 0.3274

Deuteranopia

27.2522, 0.3361, 0.3306



Tritanopia

27.1436, 0.3457, 0.3127

Trichromacy



Original Color

27.1561, 0.3500, 0.3216

Protanomaly

27.2583, 0.3272, 0.3259

Deuteranomaly

27.0958, 0.3411, 0.3275

Tritanomaly

27.0835, 0.3480, 0.3157

Monochromacy



Original Color

27.1561, 0.3500, 0.3216

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.8728, 0.3258, 0.3275

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.1561, 0.3500, 0.3216 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(170, 133, 138)` looks like.

```
.text, #text, p{  
    color:rgb(170, 133, 138)  
}
```

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(170, 133, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 133, 138) }
```

Border

The CSS property to change the border of an element to Yxy 27.1561, 0.3500, 0.3216 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(170, 133, 138) }
```

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

```
.border{ border-color:rgb(170, 133, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 133, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 133, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 133, 138);  
box-shadow:4px 4px 4px 4px rgb(170, 133,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 27.1561, 0.3500, 0.3216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 133, 138) }
```

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

```
.background{ background-color: rgb(170,  
133, 138) }
```

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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