

Converting Colors

$Y_{xy}(27.4693, 0.3494, 0.3218)$

Have a look what the booklet for
Yxy(27.4693, 0.3494, 0.3218)
contains.

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Color

Yxy(27.4603, 0.3486, 0.3216)

Conversions

Conversions Part 1

Format	Color
Hex	AA868B
RGB	170, 134, 139
RGB Percent	67%, 53%, 55%
CMY	0.3333, 0.4745, 0.4549
CMYK	0.00, 0.21, 0.18, 0.33
HSL	352°, 17%, 60%
HSV	352°, 21%, 67%
XYZ	29.7657, 27.4603, 28.1605
YIQ	145.3340, 19.8510, 9.1870

Conversions

Conversions Part 2

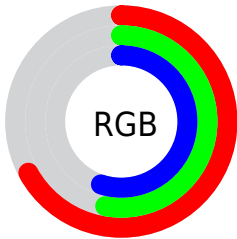
Format	Color
R _Y B	170, 134, 139
Decimal	11175563
CIE Lab	59.40, 14.55, 2.57
CIE LCh	59, 14.778, 10.019
Yxy	27.4603, 0.3486, 0.3216
Android (android.graphics.Color)	4289365643 (0xFFAA868B)
YUV	145.3340, -3.1227, 21.6321
Hunter-Lab	52.4026, 9.6871, 4.8201

Details

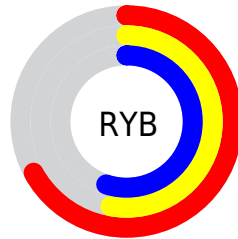
The Yxy color $27.4603, 0.3486, 0.3216$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $36.5403, 0.2856, 0.3366$, and the grayscale version is $28.4664, 0.3127, 0.3290$.

A 20% lighter version of the original color is $55.5152, 0.3417, 0.3234$, and $10.8438, 0.3615, 0.3185$ is the 20% darker color. If you saturate the color by 10%, you get $22.7340, 0.3720, 0.3179$, and if you desaturate by 10%, it is $33.0019, 0.3296, 0.3252$.

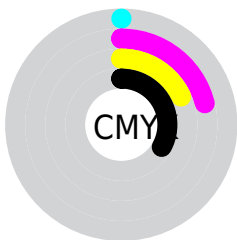
Distribution



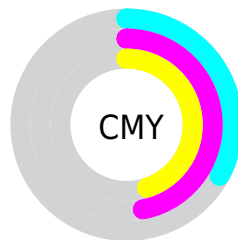
- Red (67%)
- Green (53%)
- Blue (55%)



- Red (67%)
- Yellow (53%)
- Blue (55%)



- Cyan (0%)
- Magenta (21%)
- Yellow (18%)
- Black (33%)





- Cyan (33%)
- Magenta (47%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.4603, 0.3486, 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 27.4603, 0.3486, 0.3216 by changing the saturation by 10% instead.


 27.4603, 0.3486,
0.3216


 27.4603, 0.3486,
0.3216


289.8790, 0.3290,
0.3258


 17.9192, 0.3541,
0.3204


 55.6216, 0.3410,
0.3233

 10.8920, 0.3617,
0.3186


 75.0107, 0.3383,
0.3238

 5.9943, 0.3726,
0.3161

 98.4511, 0.3361,
0.3243

 2.8416, 0.3896,
0.3119

126.3274, 0.3342,
0.3247

 1.0496, 0.4201,
0.3039

159.0240, 0.3326,
0.3250

 0.0000, 1.0000,
0.0000


196.9252, 0.3313,


 0.0000, 0.0000,

0.3253


0.0000


240.4154, 0.3301,
0.3256


 27.4603, 0.3486,
0.3216


 27.4603, 0.3486,
0.3216


 22.7340, 0.3720,
0.3179


 33.0019, 0.3296,
0.3252


 18.7811, 0.4006,
0.3143

 39.3908, 0.3143,
0.3286


 15.5612, 0.4348,
0.3111


 46.6620, 0.3019,
0.3318


 13.0292, 0.4742,
0.3090


 54.8471, 0.2919,
0.3346


 11.1349, 0.5170,
0.3086


 63.9765, 0.2837,
0.3372

 9.8209, 0.5594,
0.3104

 74.0790, 0.2770,
0.3396

 9.0199, 0.5960,
0.3148

 85.1821, 0.2714,
0.3417

 8.6123, 0.6205,
0.3192

 87.2878, 0.2652,
0.3289

Harmonies

Analogous

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



27.4603, 0.3267, 0.3032



27.4603, 0.3486, 0.3216



27.4603, 0.3607, 0.3424

Triad

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



27.4603, 0.3486, 0.3216



27.4603, 0.3223, 0.3706



27.4603, 0.2680, 0.2956

Complementary

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



27.4603, 0.3486, 0.3216



36.5403, 0.2856, 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.



27.4603, 0.2671, 0.3125



27.4603, 0.3486, 0.3216



27.4603, 0.2977, 0.3571

Square

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



27.4603, 0.3486, 0.3216



27.4603, 0.3449, 0.3717



27.4603, 0.2777, 0.3352



27.4603, 0.2804, 0.2882

Rectangle

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



27.4603, 0.3486, 0.3216



27.4603, 0.3612, 0.3553



27.4603, 0.2777, 0.3352



27.4603, 0.2664, 0.3003

Sweetspot

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



27.4615, 0.3486, 0.3216



65.5536, 0.3215, 0.3270



27.9102, 0.3094, 0.2766



14.4573, 0.3224, 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.



27.4615, 0.3486, 0.3216



45.9795, 0.3580, 0.3200



31.0134, 0.3506, 0.3478



7.5587, 0.3265, 0.3259



6.3392, 0.6185, 0.3181



0.1592, 0.5505, 0.2806

Inverse Universe

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



27.4615, 0.3486, 0.3216



45.9795, 0.3580, 0.3200



32.2237, 0.2805, 0.3094



7.5587, 0.3265, 0.3259



6.3392, 0.6185, 0.3181



0.1592, 0.5505, 0.2806

Previews

White Background



This preview shows how the Yxy color 27.4603, 0.3486, 0.3216 looks on a white background.

Color Contrast Check

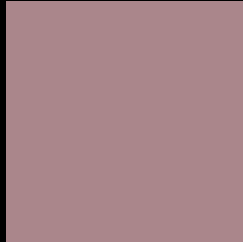
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.4603, 0.3486, 0.3216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

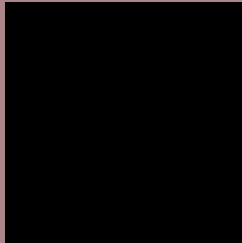
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.4603, 0.3486, 0.3216

Background



This preview shows how black text looks on a background with the Yxy color 27.4603, 0.3486, 0.3216.



This preview shows how white text looks on a background with the Yxy color 27.4603, 0.3486, 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

27.4603, 0.3486, 0.3216

Protanopia

27.6783, 0.3139, 0.3274

Deuteranopia

27.3829, 0.3362, 0.3291



Tritanopia

27.4466, 0.3443, 0.3128

Trichromacy



Original Color

27.4603, 0.3486, 0.3216

Protanomaly

27.5792, 0.3260, 0.3259

Deuteranomaly

27.5128, 0.3409, 0.3275

Tritanomaly

27.3860, 0.3466, 0.3157

Monochromacy



Original Color

27.4603, 0.3486, 0.3216

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.9029, 0.3248, 0.3259

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.4603, 0.3486, 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, 134, 139)` looks like.

```
.text, #text, p{  
    color:rgb(170, 134, 139)  
}
```

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, 134, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 134, 139) }
```

Border

The CSS property to change the border of an element to Yxy 27.4603, 0.3486, 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, 134, 139) }
```

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

```
.border{ border-color:rgb(170, 134, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 134, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(170, 134, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(170, 134, 139); box-shadow:4px 4px 4px 4px rgb(170, 134, 139) }
```


Background

The CSS property to change the background color of an element to Yxy 27.4603, 0.3486, 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, 134, 139) }
```

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

```
.background{ background-color: rgb(170,  
134, 139) }
```

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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