

Converting Colors

$Y_{xy}(26.9136, 0.3428, 0.3215)$

Have a look what the booklet for
Yxy(26.9136, 0.3428, 0.3215)
contains.

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Color

Yxy(26.9136, 0.3428, 0.3215)

Conversions

Conversions Part 1

Format	Color
Hex	A5868B
RGB	165, 134, 139
RGB Percent	65%, 53%, 55%
CMY	0.3531, 0.4744, 0.4550
CMYK	0.00, 0.19, 0.16, 0.35
HSL	350°, 15%, 59%
HSV	350°, 19%, 65%
XYZ	28.6967, 26.9136, 28.1023
YIQ	143.8390, 16.8710, 8.1270

Conversions

Conversions Part 2

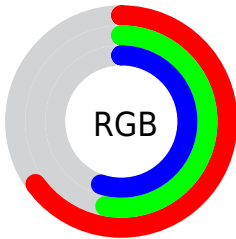
Format	Color
R _Y B	165, 134, 139
Decimal	10847883
CIE Lab	58.89, 12.61, 1.79
CIE LCh	59, 12.736, 8.081
Yxy	26.9136, 0.3428, 0.3215
Android (android.graphics.Color)	4289037963 (0xFFA5868B)
YUV	143.8390, -2.3856, 18.5582
Hunter-Lab	51.8783, 7.9509, 4.1976

Details

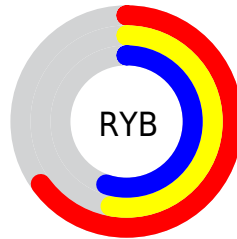
The Yxy color $26.9136, 0.3428, 0.3215$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $34.5074, 0.2891, 0.3367$, and the grayscale version is $27.8258, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.5621, 0.3366, 0.3233$, and $10.5726, 0.3546, 0.3182$ is the 20% darker color. If you saturate the color by 10%, you get $22.3245, 0.3644, 0.3172$, and if you desaturate by 10%, it is $32.2678, 0.3253, 0.3256$.

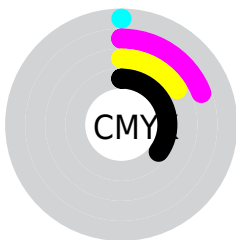
Distribution



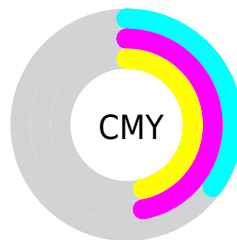
- Red (65%)
- Green (53%)
- Blue (55%)



- Red (65%)
- Yellow (53%)
- Blue (55%)



- Cyan (0%)
- Magenta (19%)
- Yellow (16%)
- Black (35%)





- Cyan (35%)
- Magenta (47%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.9136, 0.3428, 0.3215 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 26.9136, 0.3428, 0.3215 by changing the saturation by 10% instead.


 26.9136, 0.3428,
0.3215


 26.9136, 0.3428,
0.3215


287.2385, 0.3263,
0.3257


 17.5083, 0.3475,
0.3203


 54.7452, 0.3364,
0.3231

 10.5976, 0.3538,
0.3186


 73.9403, 0.3342,
0.3237

 5.7969, 0.3631,
0.3161

 97.1675, 0.3323,
0.3242

 2.7220, 0.3776,
0.3121

124.8112, 0.3307,
0.3246

 0.9884, 0.4038,
0.3045

157.2557, 0.3294,
0.3249

 0.0000, 1.0000,
0.0000


194.8856, 0.3282,


 0.0000, 0.0000,

0.3252

0.0000


238.0850, 0.3272,
0.3255


 26.9136, 0.3428,
0.3215


 26.9136, 0.3428,
0.3215

 22.3245, 0.3644,
0.3172


 32.2678, 0.3253,
0.3256


 18.4621, 0.3908,
0.3130


 38.4161, 0.3111,
0.3295


 15.2901, 0.4226,
0.3092

 45.3904, 0.2996,
0.3330

 12.7676, 0.4597,
0.3063

 53.2195, 0.2903,
0.3362

 10.8495, 0.5008,
0.3050

 61.9313, 0.2826,
0.3392

■ 9.4847, 0.5431,
0.3062

■ 71.5520, 0.2763,
0.3418

■ 8.6138, 0.5816,
0.3101

■ 82.1070, 0.2711,
0.3442

■ 8.1252, 0.6122,
0.3159

■ 86.4045, 0.2652,
0.3346

■ 8.0728, 0.6155,
0.3164

■ 86.7361, 0.2628,
0.3289

Harmonies

Analogous

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



26.9136, 0.3235, 0.3056



26.9136, 0.3428, 0.3215



26.9136, 0.3539, 0.3397

Triad

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



26.9136, 0.3428, 0.3215



26.9136, 0.3225, 0.3653



26.9136, 0.2734, 0.3008

Complementary

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



26.9136, 0.3428, 0.3215



34.5074, 0.2891, 0.3367

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.



26.9136, 0.2732, 0.3160



26.9136, 0.3428, 0.3215



26.9136, 0.3011, 0.3543

Square

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



26.9136, 0.3428, 0.3215



26.9136, 0.3418, 0.3657



26.9136, 0.2832, 0.3358



26.9136, 0.2837, 0.2936

Rectangle

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



26.9136, 0.3428, 0.3215



26.9136, 0.3550, 0.3510



26.9136, 0.2832, 0.3358



26.9136, 0.2722, 0.3051

Sweetspot

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



26.9148, 0.3428, 0.3215



60.5934, 0.3212, 0.3267



27.2247, 0.3093, 0.2828



13.1062, 0.3221, 0.3264



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



26.9148, 0.3428, 0.3215



44.2237, 0.3523, 0.3195



29.7660, 0.3456, 0.3448



7.1036, 0.3261, 0.3254



6.1148, 0.6135, 0.3153



0.1334, 0.5354, 0.2723

Inverse Universe

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



26.9148, 0.3428, 0.3215



44.2237, 0.3523, 0.3195



31.1125, 0.2843, 0.3127



7.1036, 0.3261, 0.3254



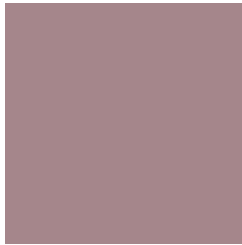
6.1148, 0.6135, 0.3153



0.1334, 0.5354, 0.2723

Previews

White Background



This preview shows how the Yxy color 26.9136, 0.3428, 0.3215 looks on a white background.

Color Contrast Check

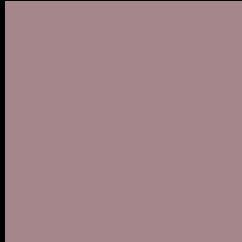
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.9136, 0.3428, 0.3215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

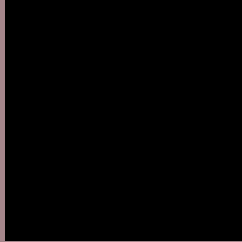
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.9136, 0.3428, 0.3215

Background



This preview shows how black text looks on a background with the Yxy color 26.9136, 0.3428, 0.3215.



This preview shows how white text looks on a background with the Yxy color 26.9136, 0.3428, 0.3215.

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

26.9136, 0.3428, 0.3215

Protanopia

26.9622, 0.3139, 0.3258

Deuteranopia

26.8944, 0.3341, 0.3275



Tritanopia

26.8957, 0.3386, 0.3124

Trichromacy



Original Color

26.9136, 0.3428, 0.3215

Protanomaly

26.8054, 0.3241, 0.3227

Deuteranomaly

26.9169, 0.3377, 0.3260

Tritanomaly

26.8350, 0.3408, 0.3154

Monochromacy



Original Color

26.9136, 0.3428, 0.3215

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

27.3846, 0.3238, 0.3259

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.9136, 0.3428, 0.3215 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(165, 134, 139)` looks like.

```
.text, #text, p{  
    color:rgb(165, 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(165, 134, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 134, 139) }
```

Border

The CSS property to change the border of an element to Yxy 26.9136, 0.3428, 0.3215 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(165, 134, 139) }
```

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

```
.border{ border-color:rgb(165, 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(165, 134, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 134, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 134, 139);  
box-shadow:4px 4px 4px 4px rgb(165, 134,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 26.9136, 0.3428, 0.3215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 134, 139) }
```

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

```
.background{ background-color: rgb(165,  
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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