

Converting Colors

$Y_{xy}(27.1914, 0.3426, 0.3230)$

Have a look what the booklet for
Yxy(27.1914, 0.3426, 0.3230)
contains.

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Color

Yxy(27.1914, 0.3426, 0.3230)

Conversions

Conversions Part 1

Format	Color
Hex	A5878B
RGB	165, 135, 139
RGB Percent	65%, 53%, 55%
CMY	0.3529, 0.4706, 0.4549
CMYK	0.00, 0.18, 0.16, 0.35
HSL	352°, 14%, 59%
HSV	352°, 18%, 65%
XYZ	28.8414, 27.1914, 28.1511
YIQ	144.4260, 16.5960, 7.6040

Conversions

Conversions Part 2

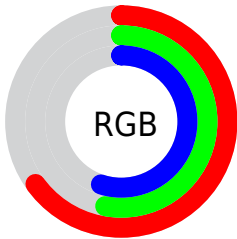
Format	Color
R _Y B	165, 135, 139
Decimal	10848139
CIE Lab	59.15, 12.07, 2.16
CIE LCh	59, 12.257, 10.147
Yxy	27.1914, 0.3426, 0.3230
Android (android.graphics.Color)	4289038219 (0xFFA5878B)
YUV	144.4260, -2.6750, 18.0434
Hunter-Lab	52.1454, 7.4733, 4.4936

Details

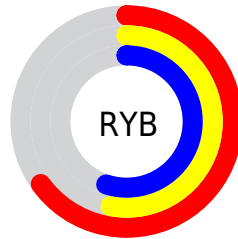
The Yxy color $27.1914, 0.3426, 0.3230$ is a dark color, and the websafe version is hex $CC9999$. A complement of this color would be $34.6370, 0.2891, 0.3351$, and the grayscale version is $28.0773, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.9879, 0.3364, 0.3245$, and $10.7290, 0.3542, 0.3204$ is the 20% darker color. If you saturate the color by 10%, you get $22.5482, 0.3647, 0.3195$, and if you desaturate by 10%, it is $32.6054, 0.3247, 0.3264$.

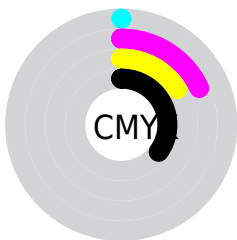
Distribution



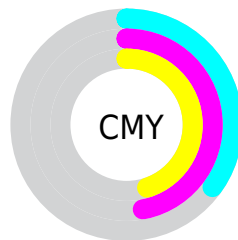
- Red (65%)
- Green (53%)
- Blue (55%)



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



- Cyan (0%)
- Magenta (18%)
- Yellow (16%)
- Black (35%)





- Cyan (35%)
- Magenta (47%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.1914, 0.3426, 0.3230 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 27.1914, 0.3426, 0.3230 by changing the saturation by 10% instead.


 27.1914, 0.3426,
0.3230


 27.1914, 0.3426,
0.3230


288.5827, 0.3263,
0.3264


 17.7170, 0.3472,
0.3220


 55.1909, 0.3363,
0.3243

 10.7470, 0.3535,
0.3206


 74.4847, 0.3340,
0.3248

 5.8970, 0.3627,
0.3186


 97.8205, 0.3322,
0.3252

 2.7825, 0.3770,
0.3152

125.5827, 0.3306,
0.3255

 1.0193, 0.4028,
0.3088

158.1556, 0.3293,
0.3258

 0.0000, 1.0000,
0.0000


195.9236, 0.3281,


 0.0000, 0.0000,

0.3260


0.0000

239.2712, 0.3271,
0.3262


 27.1914, 0.3426,
0.3230

 27.1914, 0.3426,
0.3230


 22.5482, 0.3647,
0.3195


 32.6054, 0.3247,
0.3264


 18.6371, 0.3917,
0.3160


 38.8192, 0.3103,
0.3296


 15.4220, 0.4244,
0.3128

 45.8648, 0.2986,
0.3325

 12.8619, 0.4625,
0.3104

 53.7712, 0.2891,
0.3351

 10.9116, 0.5047,
0.3095

 62.5662, 0.2814,
0.3375

■ 9.5201, 0.5479,
0.3106

■ 72.2763, 0.2750,
0.3397

■ 8.6282, 0.5869,
0.3141

■ 82.9268, 0.2697,
0.3417

■ 8.1332, 0.6168,
0.3191

■ 86.6402, 0.2636,
0.3306

■ 8.0575, 0.6214,
0.3197

■ 86.7399, 0.2628,
0.3289

Harmonies

Analogous

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



27.1914, 0.3245, 0.3074



27.1914, 0.3426, 0.3230



27.1914, 0.3525, 0.3405

Triad

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



27.1914, 0.3426, 0.3230



27.1914, 0.3207, 0.3634



27.1914, 0.2754, 0.3012

Complementary

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



27.1914, 0.3426, 0.3230



34.6370, 0.2891, 0.3351

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.



27.1914, 0.2745, 0.3154



27.1914, 0.3426, 0.3230



27.1914, 0.3002, 0.3521

Square

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



27.1914, 0.3426, 0.3230



27.1914, 0.3395, 0.3645



27.1914, 0.2834, 0.3342



27.1914, 0.2859, 0.2948

Rectangle

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



27.1914, 0.3426, 0.3230



27.1914, 0.3530, 0.3512



27.1914, 0.2834, 0.3342



27.1914, 0.2739, 0.3051

Sweetspot

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



27.1926, 0.3426, 0.3230



61.6736, 0.3200, 0.3274



27.6233, 0.3105, 0.2844



13.3262, 0.3210, 0.3272



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.



27.1926, 0.3426, 0.3230



45.0219, 0.3514, 0.3215



30.3082, 0.3442, 0.3457



7.1006, 0.3265, 0.3260



6.0997, 0.6195, 0.3187



0.1324, 0.5501, 0.2804

Inverse Universe

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



27.1926, 0.3426, 0.3230



45.0219, 0.3514, 0.3215



30.9806, 0.2851, 0.3117



7.1006, 0.3265, 0.3260



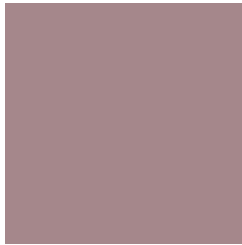
6.0997, 0.6195, 0.3187



0.1324, 0.5501, 0.2804

Previews

White Background



This preview shows how the Yxy color 27.1914, 0.3426, 0.3230 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 27.1914, 0.3426, 0.3230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

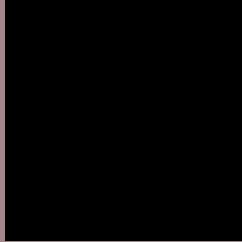
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.1914, 0.3426, 0.3230

Background



This preview shows how black text looks on a background with the Yxy color 27.1914, 0.3426, 0.3230.



This preview shows how white text looks on a background with the Yxy color 27.1914, 0.3426, 0.3230.

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

27.1914, 0.3426, 0.3230

Protanopia

27.3489, 0.3149, 0.3274

Deuteranopia

27.2810, 0.3350, 0.3291



Tritanopia

27.2015, 0.3373, 0.3125

Trichromacy



Original Color

27.1914, 0.3426, 0.3230

Protanomaly

27.0936, 0.3239, 0.3243

Deuteranomaly

27.3034, 0.3387, 0.3275

Tritanomaly

27.1404, 0.3395, 0.3155

Monochromacy



Original Color

27.1914, 0.3426, 0.3230

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

27.6781, 0.3236, 0.3275

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.1914, 0.3426, 0.3230 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, 135, 139)` looks like.

```
.text, #text, p{  
    color:rgb(165, 135, 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, 135, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 135, 139) }
```

Border

The CSS property to change the border of an element to Yxy 27.1914, 0.3426, 0.3230 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, 135, 139) }
```

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

```
.border{ border-color:rgb(165, 135, 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, 135, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 135, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 135, 139);  
box-shadow:4px 4px 4px 4px rgb(165, 135,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 27.1914, 0.3426, 0.3230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 135, 139) }
```

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

```
.background{ background-color: rgb(165,  
135, 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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