

Converting Colors

$Y_{xy}(27.0723, 0.3434, 0.3215)$

Have a look what the booklet for
Yxy(27.0723, 0.3434, 0.3215)
contains.

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Color

Yxy(27.0213, 0.3440, 0.3215)

Conversions

Conversions Part 1

Format	Color
Hex	A6868B
RGB	166, 134, 139
RGB Percent	65%, 53%, 55%
CMY	0.3490, 0.4745, 0.4549
CMYK	0.00, 0.19, 0.16, 0.35
HSL	351°, 15%, 59%
HSV	351°, 19%, 65%
XYZ	28.9124, 27.0213, 28.1139
YIQ	144.1380, 17.4670, 8.3390

Conversions

Conversions Part 2

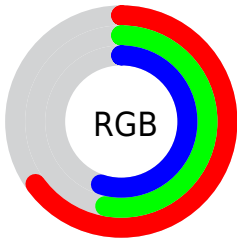
Format	Color
R _Y B	166, 134, 139
Decimal	10913419
CIE Lab	58.99, 13.02, 1.94
CIE LCh	59, 13.162, 8.497
Yxy	27.0213, 0.3440, 0.3215
Android (android.graphics.Color)	4289103499 (0xFFA6868B)
YUV	144.1380, -2.5330, 19.1730
Hunter-Lab	51.9820, 8.3131, 4.3210

Details

The Yxy color $27.0213, 0.3440, 0.3215$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $34.9192, 0.2883, 0.3367$, and the grayscale version is $27.9543, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.7186, 0.3374, 0.3233$, and $10.6393, 0.3564, 0.3183$ is the 20% darker color. If you saturate the color by 10%, you get $22.4043, 0.3660, 0.3174$, and if you desaturate by 10%, it is $32.4137, 0.3262, 0.3255$.

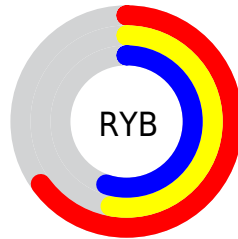
Distribution



Red (65%)

Green (53%)

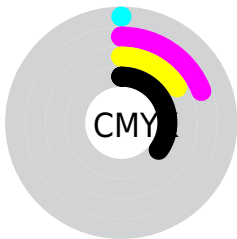
Blue (55%)



Red (65%)

Yellow (53%)

Blue (55%)

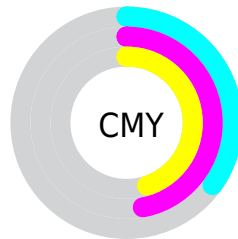


Cyan (0%)

Magenta (19%)

Yellow (16%)

Black (35%)



Cyan (35%)


Magenta (47%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.0213, 0.3440, 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 27.0213, 0.3440, 0.3215 by changing the saturation by 10% instead.


 27.0213, 0.3440,
0.3215


 27.0213, 0.3440,
0.3215


287.7602, 0.3269,
0.3257


 17.5892, 0.3488,
0.3203


 54.9180, 0.3374,
0.3232

 10.6555, 0.3555,
0.3186


 74.1515, 0.3350,
0.3237

 5.8357, 0.3650,
0.3161

 97.4209, 0.3331,
0.3242

 2.7454, 0.3801,
0.3120

125.1105, 0.3314,
0.3246

 1.0003, 0.4073,
0.3043

157.6049, 0.3300,
0.3249

 0.0000, 1.0000,
0.0000

195.2884, 0.3288,

 0.0000, 0.0000,

0.3252

0.0000

238.5454, 0.3278,
0.3255

■ 27.0213, 0.3440,
0.3215

■ 27.0213, 0.3440,
0.3215

■ 22.4043, 0.3660,
0.3174

■ 32.4137, 0.3262,
0.3255

■ 18.5235, 0.3928,
0.3133

■ 38.6109, 0.3118,
0.3293

■ 15.3417, 0.4251,
0.3096

■ 45.6455, 0.3001,
0.3327

■ 12.8174, 0.4627,
0.3068

■ 53.5471, 0.2906,
0.3359

■ 10.9042, 0.5043,
0.3058

■ 62.3438, 0.2828,
0.3387

■ 9.5499, 0.5466,
0.3071

■ 72.0625, 0.2765,
0.3413

■ 8.6936, 0.5848,
0.3112

■ 82.7290, 0.2712,
0.3437

■ 8.2127, 0.6148,
0.3168

■ 86.5995, 0.2651,
0.3331

■ 8.1823, 0.6166,
0.3171

■ 86.8483, 0.2633,
0.3289

Harmonies

Analogous

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



27.0213, 0.3242, 0.3051



27.0213, 0.3440, 0.3215



27.0213, 0.3553, 0.3403

Triad

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



27.0213, 0.3440, 0.3215



27.0213, 0.3225, 0.3665



27.0213, 0.2723, 0.2997

Complementary

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



27.0213, 0.3440, 0.3215



34.9192, 0.2883, 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.



27.0213, 0.2719, 0.3153



27.0213, 0.3440, 0.3215



27.0213, 0.3004, 0.3549

Square

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



27.0213, 0.3440, 0.3215



27.0213, 0.3425, 0.3669



27.0213, 0.2821, 0.3357



27.0213, 0.2830, 0.2924

Rectangle

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



27.0213, 0.3440, 0.3215



27.0213, 0.3563, 0.3519



27.0213, 0.2821, 0.3357



27.0213, 0.2710, 0.3041

Sweetspot

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



27.0225, 0.3440, 0.3215



62.2232, 0.3213, 0.3267



27.3476, 0.3092, 0.2814



13.7730, 0.3222, 0.3265



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



27.0225, 0.3440, 0.3215



45.3954, 0.3526, 0.3198



29.9800, 0.3467, 0.3452



7.5607, 0.3262, 0.3255



6.3487, 0.6148, 0.3161



0.1599, 0.5419, 0.2759

Inverse Universe

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



27.0225, 0.3440, 0.3215



45.3954, 0.3526, 0.3198



31.3786, 0.2835, 0.3122



7.5607, 0.3262, 0.3255



6.3487, 0.6148, 0.3161



0.1599, 0.5419, 0.2759

Previews

White Background



This preview shows how the Yxy color 27.0213, 0.3440, 0.3215 looks on a white background.

Color Contrast Check

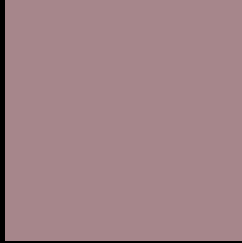
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.0213, 0.3440, 0.3215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

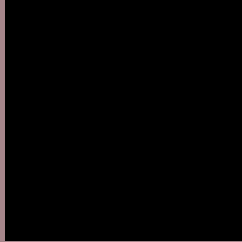
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.0213, 0.3440, 0.3215

Background



This preview shows how black text looks on a background with the Yxy color 27.0213, 0.3440, 0.3215.



This preview shows how white text looks on a background with the Yxy color 27.0213, 0.3440, 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

27.0213, 0.3440, 0.3215

Protanopia

26.9622, 0.3139, 0.3258

Deuteranopia

26.8944, 0.3341, 0.3275



Tritanopia

27.0042, 0.3397, 0.3125

Trichromacy



Original Color

27.0213, 0.3440, 0.3215

Protanomaly

26.8054, 0.3241, 0.3227

Deuteranomaly

26.9169, 0.3377, 0.3260

Tritanomaly

26.9435, 0.3420, 0.3155

Monochromacy



Original Color

27.0213, 0.3440, 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 27.0213, 0.3440, 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(166, 134, 139)` looks like.

```
.text, #text, p{  
    color:rgb(166, 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(166, 134, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 134, 139) }
```

Border

The CSS property to change the border of an element to Yxy 27.0213, 0.3440, 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(166, 134, 139) }
```

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

```
.border{ border-color:rgb(166, 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(166, 134, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 134, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 134, 139);  
box-shadow:4px 4px 4px 4px rgb(166, 134,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 27.0213, 0.3440, 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(166, 134, 139) }
```

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

```
.background{ background-color: rgb(166,  
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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