

Converting Colors

$Y_{xy}(28.4801, 0.3422, 0.3291)$

Have a look what the booklet for
Yxy(28.4801, 0.3422, 0.3291)
contains.

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Color

Yxy(28.4363, 0.3428, 0.3291)

Conversions

Conversions Part 1

Format	Color
Hex	A68B8B
RGB	166, 139, 139
RGB Percent	65%, 55%, 55%
CMY	0.3490, 0.4549, 0.4549
CMYK	0.00, 0.16, 0.16, 0.35
HSL	0°, 13%, 60%
HSV	0°, 16%, 65%
XYZ	29.6201, 28.4363, 28.3499
YIQ	147.0730, 16.0920, 5.7240

Conversions

Conversions Part 2

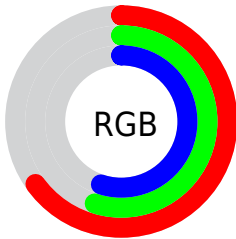
Format	Color
R _Y B	166, 139, 139
Decimal	10914699
CIE Lab	60.28, 10.19, 3.81
CIE LCh	60, 10.880, 20.487
Yxy	28.4363, 0.3428, 0.3291
Android (android.graphics.Color)	4289104779 (0xFFA68B8B)
YUV	147.0730, -3.9800, 16.5990
Hunter-Lab	53.3257, 5.8289, 5.8073

Details

The Yxy color $28.4363, 0.3428, 0.3291$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $35.5156, 0.2886, 0.3289$, and the grayscale version is $29.2220, 0.3127, 0.3290$.

A 20% lighter version of the original color is $57.3179, 0.3365, 0.3302$, and $11.4434, 0.3542, 0.3291$ is the 20% darker color. If you saturate the color by 10%, you get $23.5419, 0.3674, 0.3292$, and if you desaturate by 10%, it is $34.1365, 0.3231, 0.3290$.

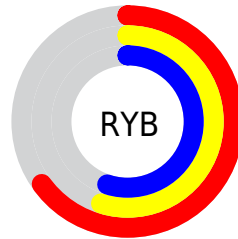
Distribution



Red (65%)

Green (55%)

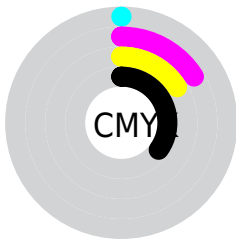
Blue (55%)



Red (65%)

Yellow (55%)

Blue (55%)

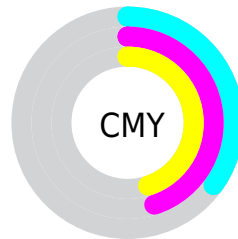


Cyan (0%)

Magenta (16%)

Yellow (16%)

Black (35%)



Cyan (35%)


Magenta (45%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.4363, 0.3428, 0.3291 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 28.4363, 0.3428, 0.3291 by changing the saturation by 10% instead.


 28.4363, 0.3428,
0.3291


 28.4363, 0.3428,
0.3291


294.5459, 0.3264,
0.3292


 18.6548, 0.3474,
0.3290


 57.1803, 0.3365,
0.3292

 11.4211, 0.3536,
0.3288


 76.9115, 0.3342,
0.3292

 6.3508, 0.3626,
0.3285


 100.7282, 0.3324,
0.3292

 3.0596, 0.3766,
0.3278

129.0146, 0.3308,
0.3292

 1.1629, 0.4012,
0.3260

162.1552, 0.3295,
0.3292

 0.0311, 0.8995,
0.1005

200.5343, 0.3283,

 0.0000, 0.0000,

0.3292

0.0000

244.5364, 0.3273,
0.3292

■ 28.4363, 0.3428,
0.3291

■ 28.4363, 0.3428,
0.3291

■ 23.5419, 0.3674,
0.3292

■ 34.1365, 0.3231,
0.3290

■ 19.4134, 0.3978,
0.3293

■ 40.6724, 0.3072,
0.3290

■ 16.0132, 0.4347,
0.3294

■ 48.0773, 0.2945,
0.3289

■ 13.2990, 0.4776,
0.3295

■ 56.3813, 0.2842,
0.3289

■ 11.2243, 0.5245,
0.3297

■ 65.6132, 0.2758,
0.3289

■ 9.7367, 0.5704,
0.3298

■ 75.8005, 0.2689,
0.3288

■ 8.7755, 0.6084,
0.3299

■ 86.8484, 0.2633,
0.3289

■ 8.2573, 0.6326,
0.3300

■ 8.1096, 0.6400,
0.3300

Harmonies

Analogous

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



28.4363, 0.3290, 0.3144



28.4363, 0.3428, 0.3291



28.4363, 0.3483, 0.3442

Triad

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



28.4363, 0.3428, 0.3291



28.4363, 0.3135, 0.3565



28.4363, 0.2822, 0.3019

Complementary

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



28.4363, 0.3428, 0.3291



35.5156, 0.2886, 0.3289

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.



28.4363, 0.2784, 0.3122



28.4363, 0.3428, 0.3291



28.4363, 0.2962, 0.3442

Square

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



28.4363, 0.3428, 0.3291



28.4363, 0.3310, 0.3607



28.4363, 0.2834, 0.3278



28.4363, 0.2940, 0.2989

Rectangle

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



28.4363, 0.3428, 0.3291



28.4363, 0.3464, 0.3526



28.4363, 0.2834, 0.3278



28.4363, 0.2800, 0.3046

Sweetspot

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



28.4376, 0.3428, 0.3291



63.2677, 0.3210, 0.3290



29.3247, 0.3146, 0.2897



13.9884, 0.3222, 0.3290



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.



28.4376, 0.3428, 0.3291



47.7926, 0.3522, 0.3291



32.5920, 0.3396, 0.3492



7.5427, 0.3286, 0.3291



6.2877, 0.6400, 0.3300



0.1531, 0.6399, 0.3301

Inverse Universe

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



35.5156, 0.2886, 0.3289



63.4159, 0.2830, 0.3289



30.8617, 0.2878, 0.3079



8.5316, 0.2987, 0.3290



23.2674, 0.2246, 0.3286



0.5662, 0.2246, 0.3287

Previews

White Background



This preview shows how the Yxy color 28.4363, 0.3428, 0.3291 looks on a white background.

Color Contrast Check

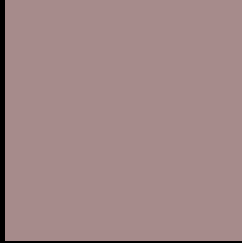
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.4363, 0.3428, 0.3291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

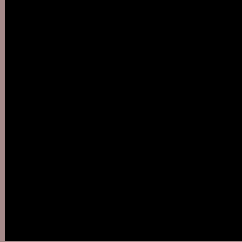
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.4363, 0.3428, 0.3291

Background



This preview shows how black text looks on a background with the Yxy color 28.4363, 0.3428, 0.3291.



This preview shows how white text looks on a background with the Yxy color 28.4363, 0.3428, 0.3291.

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

28.4363, 0.3428, 0.3291

Protanopia

28.5934, 0.3199, 0.3338

Deuteranopia

28.5952, 0.3378, 0.3321



Tritanopia

28.5306, 0.3344, 0.3141

Trichromacy



Original Color

28.4363, 0.3428, 0.3291

Protanomaly

28.5366, 0.3276, 0.3322

Deuteranomaly

28.4068, 0.3392, 0.3306

Tritanomaly

28.4368, 0.3376, 0.3186

Monochromacy



Original Color

28.4363, 0.3428, 0.3291

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

28.8302, 0.3234, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.4363, 0.3428, 0.3291 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, 139, 139)` looks like.

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

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

Border

The CSS property to change the border of an element to Yxy 28.4363, 0.3428, 0.3291 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, 139, 139) }
```

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

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

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


Background

The CSS property to change the background color of an element to Yxy 28.4363, 0.3428, 0.3291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 139, 139) }
```

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

```
.background{ background-color: rgb(166,  
139, 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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