

Converting Colors

$Y_{xy}(28.6032, 0.3429, 0.3284)$

Have a look what the booklet for
Yxy(28.6032, 0.3429, 0.3284)
contains.

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Color

Yxy(28.5742, 0.3428, 0.3276)

Conversions

Conversions Part 1

Format	Color
Hex	A78B8C
RGB	167, 139, 140
RGB Percent	65%, 55%, 55%
CMY	0.3452, 0.4549, 0.4510
CMYK	0.00, 0.17, 0.16, 0.35
HSL	358°, 14%, 60%
HSV	358°, 17%, 65%
XYZ	29.9000, 28.5742, 28.7486
YIQ	147.4860, 16.3670, 6.2470

Conversions

Conversions Part 2

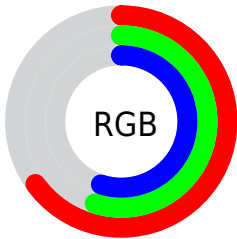
Format	Color
R_{YB}	167, 139, 140
Decimal	10980236
CIE _{Lab}	60.40, 10.73, 3.42
CIE _{LCh}	60, 11.260, 17.706
Yxy	28.5742, 0.3428, 0.3276
Android (android.graphics.Color)	4289170316 (0xFFA78B8C)
YUV	147.4860, -3.6906, 17.1138
Hunter-Lab	53.4548, 6.2981, 5.5315

Details

The Yxy color $28.5742, 0.3428, 0.3276$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $35.8752, 0.2887, 0.3304$, and the grayscale version is $29.3999, 0.3127, 0.3290$.

A 20% lighter version of the original color is $57.5198, 0.3365, 0.3291$, and $11.5278, 0.3542, 0.3270$ is the 20% darker color. If you saturate the color by 10%, you get $23.6620, 0.3668, 0.3267$, and if you desaturate by 10%, it is $34.2972, 0.3235, 0.3285$.

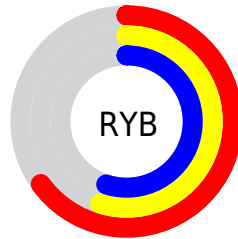
Distribution



Red (65%)

Green (55%)

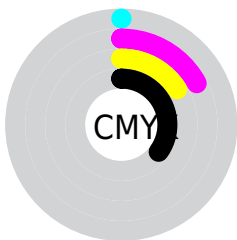
Blue (55%)



Red (65%)

Yellow (55%)

Blue (55%)

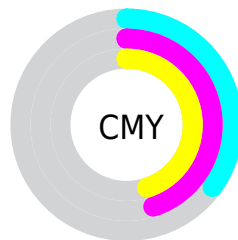


Cyan (0%)

Magenta (17%)

Yellow (16%)

Black (35%)



Cyan (35%)


Magenta (45%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.5742, 0.3428, 0.3276 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 28.5742, 0.3428, 0.3276 by changing the saturation by 10% instead.


 28.5742, 0.3428,
0.3276


 28.5742, 0.3428,
0.3276


295.2006, 0.3265,
0.3285

 18.7589, 0.3474,
0.3273


 57.3999, 0.3365,
0.3280

 11.4962, 0.3536,
0.3268


 77.1791, 0.3343,
0.3281

 6.4016, 0.3625,
0.3261

 101.0484, 0.3324,
0.3282

 3.0908, 0.3764,
0.3248

129.3923, 0.3308,
0.3283

 1.1793, 0.4009,
0.3219

162.5950, 0.3295,
0.3284

 0.0447, 0.8719,
0.1281

201.0410, 0.3283,

 0.0000, 0.0000,

0.3284

0.0000

245.1148, 0.3273,
0.3285

■ 28.5742, 0.3428,
0.3276

■ 28.5742, 0.3428,
0.3276

■ 23.6620, 0.3668,
0.3267

■ 34.2972, 0.3235,
0.3285

■ 19.5204, 0.3963,
0.3259

■ 40.8612, 0.3081,
0.3293

■ 16.1114, 0.4321,
0.3251

■ 48.2997, 0.2956,
0.3300

■ 13.3923, 0.4739,
0.3246

■ 56.6431, 0.2855,
0.3306

■ 11.3161, 0.5198,
0.3245

■ 65.9204, 0.2773,
0.3312

■ 9.8300, 0.5653,
0.3251

■ 76.1594, 0.2705,
0.3318

■ 8.8725, 0.6039,
0.3263

■ 86.8109, 0.2648,
0.3313

■ 8.3561, 0.6296,
0.3277

■ 86.9539, 0.2638,
0.3289

■ 8.2268, 0.6359,
0.3277

Harmonies

Analogous

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



28.5742, 0.3280, 0.3127



28.5742, 0.3428, 0.3276



28.5742, 0.3494, 0.3433

Triad

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



28.5742, 0.3428, 0.3276



28.5742, 0.3153, 0.3582



28.5742, 0.2805, 0.3017

Complementary

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



28.5742, 0.3428, 0.3276



35.8752, 0.2887, 0.3304

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.



28.5742, 0.2774, 0.3130



28.5742, 0.3428, 0.3276



28.5742, 0.2971, 0.3462

Square

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



28.5742, 0.3428, 0.3276



28.5742, 0.3331, 0.3617



28.5742, 0.2834, 0.3293



28.5742, 0.2920, 0.2978

Rectangle

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



28.5742, 0.3428, 0.3276



28.5742, 0.3481, 0.3523



28.5742, 0.2834, 0.3293



28.5742, 0.2785, 0.3047

Sweetspot

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



28.5755, 0.3428, 0.3276



63.2845, 0.3207, 0.3286



29.3201, 0.3131, 0.2883



13.9926, 0.3218, 0.3285



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.



28.5755, 0.3428, 0.3276



47.8465, 0.3509, 0.3273



32.4049, 0.3408, 0.3478



7.5464, 0.3280, 0.3282



6.2980, 0.6352, 0.3273



0.1545, 0.6138, 0.3155

Inverse Universe

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



28.5755, 0.3428, 0.3276



47.8465, 0.3509, 0.3273



31.5217, 0.2871, 0.3095



7.5464, 0.3280, 0.3282



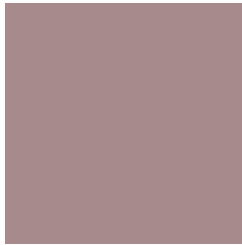
6.2980, 0.6352, 0.3273



0.1545, 0.6138, 0.3155

Previews

White Background



This preview shows how the Yxy color 28.5742, 0.3428, 0.3276 looks on a white background.

Color Contrast Check

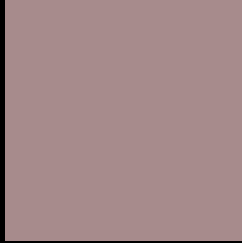
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.5742, 0.3428, 0.3276 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

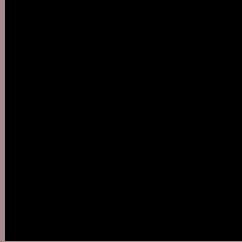
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.5742, 0.3428, 0.3276

Background



This preview shows how black text looks on a background with the Yxy color 28.5742, 0.3428, 0.3276.



This preview shows how white text looks on a background with the Yxy color 28.5742, 0.3428, 0.3276.

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

28.5742, 0.3428, 0.3276

Protanopia

28.6235, 0.3189, 0.3322

Deuteranopia

28.6246, 0.3368, 0.3306



Tritanopia

28.6399, 0.3355, 0.3142

Trichromacy



Original Color

28.5742, 0.3428, 0.3276

Protanomaly

28.6658, 0.3277, 0.3306

Deuteranomaly

28.5421, 0.3392, 0.3291

Tritanomaly

28.5461, 0.3387, 0.3186

Monochromacy



Original Color

28.5742, 0.3428, 0.3276

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 28.5742, 0.3428, 0.3276 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(167, 139, 140)` looks like.

```
.text, #text, p{  
    color:rgb(167, 139, 140)  
}
```

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(167, 139, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 139, 140) }
```

Border

The CSS property to change the border of an element to Yxy 28.5742, 0.3428, 0.3276 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(167, 139, 140) }
```

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

```
.border{ border-color:rgb(167, 139, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 139, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 139, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 139, 140);  
box-shadow:4px 4px 4px 4px rgb(167, 139,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 28.5742, 0.3428, 0.3276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 139, 140) }
```

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

```
.background{ background-color: rgb(167,  
139, 140) }
```

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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