

Converting Colors

$Y_{xy}(28.1235, 0.4150, 0.4075)$

Have a look what the booklet for
Yxy(28.1235, 0.4150, 0.4075)
contains.

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Color

Yxy(28.0472, 0.4148, 0.4069)

Conversions

Conversions Part 1

Format	Color
Hex	B08A54
RGB	176, 138, 84
RGB Percent	69%, 54%, 33%
CMY	0.3098, 0.4588, 0.6707
CMYK	0.00, 0.22, 0.52, 0.31
HSL	35°, 37%, 51%
HSV	35°, 52%, 69%
XYZ	28.5917, 28.0472, 12.2900
YIQ	143.2060, 39.9820, -8.7380

Conversions

Conversions Part 2

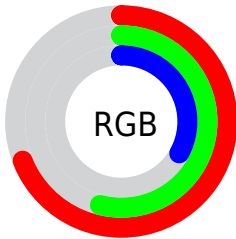
Format	Color
R_{YB}	149, 176, 84
Decimal	11569748
CIE _{Lab}	59.93, 7.73, 34.26
CIE _{LCh}	60, 35.122, 77.286
Yxy	28.0472, 0.4148, 0.4069
Android (android.graphics.Color)	4289759828 (0xFFB08A54)
YUV	143.2060, -29.1886, 28.7603
Hunter-Lab	52.9596, 3.6890, 23.3126

Details

The Yxy color **28.0472, 0.4148, 0.4069** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **18.9295, 0.2274, 0.2333**, and the grayscale version is **27.6617, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.5033, 0.3947, 0.3917**, and **11.1780, 0.4473, 0.4270** is the 20% darker color. If you saturate the color by 10%, you get **25.7908, 0.4384, 0.4191**, and if you desaturate by 10%, it is **30.5151, 0.3918, 0.3927**.

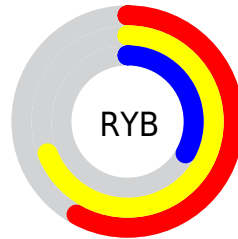
Distribution



Red (69%)

Green (54%)

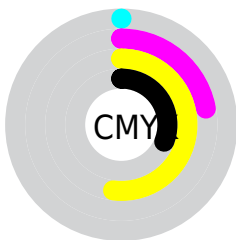
Blue (33%)



Red (58%)

Yellow (69%)

Blue (33%)

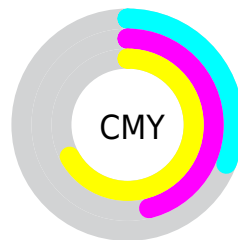


Cyan (0%)

Magenta (22%)

Yellow (52%)

Black (31%)



Cyan (31%)


Magenta (46%)

Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.0472, 0.4148, 0.4069 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 28.0472, 0.4148, 0.4069 by changing the saturation by 10% instead.

 28.0472, 0.4148,
0.4069


 28.0472, 0.4148,
0.4069


292.6924, 0.3603,
0.3671


 18.3612, 0.4290,
0.4164


 56.5598, 0.3944,
0.3925


 11.2097, 0.4472,
0.4280


 76.1552, 0.3869,
0.3871


 6.2080, 0.4707,
0.4415

 99.8226, 0.3806,
0.3825

 2.9720, 0.5232,
0.4756

 127.9463, 0.3753,
0.3785

 1.1171, 0.5374,
0.4626

 160.9107, 0.3708,
0.3751

 0.0000, 1.0000,
0.0000

199.1003, 0.3668,

 0.0000, 0.0000,

0.3721

0.0000

242.8994, 0.3634,
0.3694

■ 28.0472, 0.4148,
0.4069

■ 28.0472, 0.4148,
0.4069

■ 25.7908, 0.4384,
0.4191

■ 30.5151, 0.3918,
0.3927

■ 23.7339, 0.4617,
0.4281

■ 33.1977, 0.3702,
0.3774

■ 21.8688, 0.4833,
0.4328

■ 36.1034, 0.3503,
0.3619

■ 20.1856, 0.5021,
0.4323

■ 39.2387, 0.3322,
0.3467

■ 18.9972, 0.5150,
0.4293

■ 42.6096, 0.3161,
0.3322

■ 46.2220, 0.3018,
0.3185

■ 50.0816, 0.2892,
0.3058

■ 54.1938, 0.2780,
0.2941

■ 58.5638, 0.2682,
0.2833

Harmonies

Analogous

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



28.0472, 0.4288, 0.3654



28.0472, 0.4148, 0.4069



28.0472, 0.3733, 0.4328

Triad

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



28.0472, 0.4148, 0.4069



28.0472, 0.2247, 0.3270



28.0472, 0.2990, 0.2505

Complementary

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



28.0472, 0.4148, 0.4069



18.9295, 0.2274, 0.2333

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.



28.0472, 0.2485, 0.2380



28.0472, 0.4148, 0.4069



28.0472, 0.2090, 0.2758

Square

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



28.0472, 0.4148, 0.4069



28.0472, 0.2634, 0.3862



28.0472, 0.2173, 0.2456



28.0472, 0.3584, 0.2798

Rectangle

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



28.0472, 0.4148, 0.4069



28.0472, 0.3368, 0.4335



28.0472, 0.2173, 0.2456



28.0472, 0.2805, 0.2443

Sweetspot

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



28.0485, 0.4148, 0.4069



68.8465, 0.3392, 0.3527



16.9803, 0.3963, 0.2735



14.6737, 0.3428, 0.3558



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



28.0485, 0.4148, 0.4069



46.0731, 0.4427, 0.4210



40.0491, 0.3800, 0.4564



9.3066, 0.3273, 0.3424



14.0570, 0.5137, 0.4303



0.5540, 0.4809, 0.4563

Inverse Universe

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



18.9295, 0.2274, 0.2333



27.7428, 0.2089, 0.2068



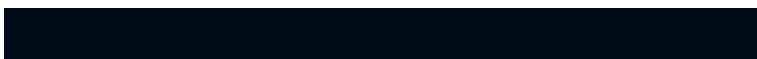
11.7294, 0.2209, 0.1684



8.7873, 0.2985, 0.3153



5.8731, 0.1702, 0.1326



0.3010, 0.1860, 0.1897

Previews

White Background



This preview shows how the Yxy color 28.0472, 0.4148, 0.4069 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 28.0472, 0.4148, 0.4069 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

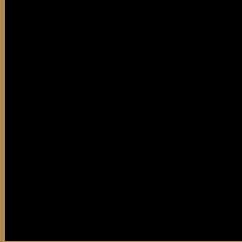
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.0472, 0.4148, 0.4069

Background



This preview shows how black text looks on a background with the Yxy color 28.0472, 0.4148, 0.4069.



This preview shows how white text looks on a background with the Yxy color 28.0472, 0.4148, 0.4069.

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

28.0472, 0.4148, 0.4069

Protanopia

28.1918, 0.3868, 0.4209

Deuteranopia

28.0472, 0.4148, 0.4069



Tritanopia

27.9794, 0.3598, 0.3148

Trichromacy



Original Color

28.0472, 0.4148, 0.4069

Protanomaly

28.0012, 0.3980, 0.4153

Deuteranomaly

28.0472, 0.4148, 0.4069

Tritanomaly

27.9900, 0.3810, 0.3496

Monochromacy



Original Color

28.0472, 0.4148, 0.4069

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

27.4235, 0.3481, 0.3595

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.0472, 0.4148, 0.4069 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(176, 138, 84)` looks like.

```
.text, #text, p{  
    color:rgb(176, 138, 84)  
}
```

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(176, 138, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 138, 84) }
```

Border

The CSS property to change the border of an element to Yxy 28.0472, 0.4148, 0.4069 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(176, 138, 84) }
```

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

```
.border{ border-color:rgb(176, 138, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 138, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 138, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 138, 84);  
box-shadow:4px 4px 4px 4px rgb(176, 138,  
84) }
```


Background

The CSS property to change the background color of an element to Yxy 28.0472, 0.4148, 0.4069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 138, 84) }
```

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

```
.background{ background-color: rgb(176,  
138, 84) }
```

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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