

Converting Colors

$Y_{xy}(30.2474, 0.4315, 0.4313)$

Have a look what the booklet for
Yxy(30.2474, 0.4315, 0.4313)
contains.

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Color

Yxy(30.2968, 0.4317, 0.4320)

Conversions

Conversions Part 1

Format	Color
Hex	B69043
RGB	182, 144, 67
RGB Percent	71%, 56%, 26%
CMY	0.2863, 0.4353, 0.7373
CMYK	0.00, 0.21, 0.63, 0.29
HSL	40°, 46%, 49%
HSV	40°, 63%, 71%
XYZ	30.2758, 30.2968, 9.5589
YIQ	146.5840, 47.3650, -15.8910

Conversions

Conversions Part 2

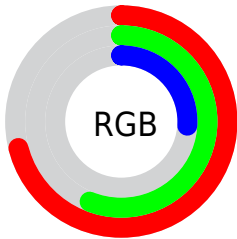
Format	Color
RYB	124, 182, 67
Decimal	11964483
CIELab	61.91, 5.66, 45.44
CIELCh	62, 45.789, 82.905
Yxy	30.2968, 0.4317, 0.4320
Android (android.graphics.Color)	4290154563 (0xFFB69043)
YUV	146.5840, -39.2349, 31.0598
Hunter-Lab	55.0425, 1.8583, 28.2332

Details

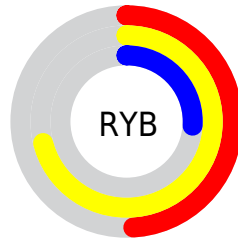
The Yxy color **30.2968, 0.4317, 0.4320** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **14.6652, 0.2060, 0.1912**, and the grayscale version is **29.1469, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.3969, 0.4098, 0.4143**, and **12.4755, 0.4639, 0.4560** is the 20% darker color. If you saturate the color by 10%, you get **28.3405, 0.4513, 0.4422**, and if you desaturate by 10%, it is **32.4216, 0.4110, 0.4185**.

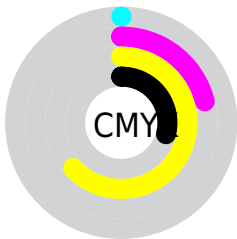
Distribution



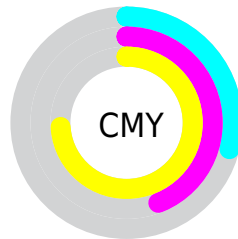
- Red (71%)
- Green (56%)
- Blue (26%)



- Red (49%)
- Yellow (71%)
- Blue (26%)



- Cyan (0%)
- Magenta (21%)
- Yellow (63%)
- Black (29%)





- Cyan (29%)
- Magenta (44%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.2968, 0.4317, 0.4320 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 30.2968, 0.4317, 0.4320 by changing the saturation by 10% instead.

 30.2968, 0.4317,
0.4320


 30.2968, 0.4317,
0.4320


303.2855, 0.3706,
0.3809


 20.0640, 0.4462,
0.4432


 60.1312, 0.4097,
0.4142


 12.4416, 0.4636,
0.4561


 80.5016, 0.4014,
0.4072

 7.0451, 0.4849,
0.4704


 105.0200, 0.3942,
0.4012

 3.4904, 0.5128,
0.4872

 134.0708, 0.3881,
0.3960

 1.3928, 0.5217,
0.4783

 168.0383, 0.3828,
0.3915

 0.2114, 0.6159,
0.3841

207.3070, 0.3782,

 0.0000, 0.0000,

0.3875

0.0000

252.2613, 0.3742,
0.3840

■ 30.2968, 0.4317,
0.4320

■ 30.2968, 0.4317,
0.4320

■ 28.3405, 0.4513,
0.4422

■ 32.4216, 0.4110,
0.4185

■ 26.5402, 0.4689,
0.4480

■ 34.7177, 0.3902,
0.4026

■ 24.8877, 0.4836,
0.4488

■ 37.1934, 0.3701,
0.3855

■ 23.8358, 0.4923,
0.4473

■ 39.8546, 0.3511,
0.3680

■ 42.7072, 0.3335,
0.3508

■ 45.7565, 0.3175,
0.3341

■ 49.0077, 0.3031,
0.3184

■ 52.4657, 0.2901,
0.3037

■ 56.1351, 0.2786,
0.2902

Harmonies

Analogous

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



30.2968, 0.4590, 0.3809



30.2968, 0.4317, 0.4320



30.2968, 0.3739, 0.4633

Triad

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



30.2968, 0.4317, 0.4320



30.2968, 0.1975, 0.3108



30.2968, 0.3082, 0.2379

Complementary

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



30.2968, 0.4317, 0.4320



14.6652, 0.2060, 0.1912

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.



30.2968, 0.2423, 0.2183



30.2968, 0.4317, 0.4320



30.2968, 0.1848, 0.2516

Square

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



30.2968, 0.4317, 0.4320



30.2968, 0.2390, 0.3889



30.2968, 0.2001, 0.2216



30.2968, 0.3839, 0.2760

Rectangle

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



30.2968, 0.4317, 0.4320



30.2968, 0.3271, 0.4609



30.2968, 0.2001, 0.2216



30.2968, 0.2842, 0.2291

Sweetspot

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



30.2983, 0.4317, 0.4320



74.2260, 0.3441, 0.3613



14.9824, 0.4425, 0.2778



16.0737, 0.3492, 0.3663



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



30.2983, 0.4317, 0.4320



50.0179, 0.4588, 0.4451



41.6251, 0.3813, 0.4838



9.9900, 0.3272, 0.3443



16.9600, 0.4913, 0.4481



0.7061, 0.4685, 0.4662

Inverse Universe

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



14.6652, 0.2060, 0.1912



19.5826, 0.1853, 0.1558



9.3745, 0.2073, 0.1359



9.1911, 0.2985, 0.3133



4.7852, 0.1637, 0.1094



0.2852, 0.1790, 0.1642

Previews

White Background



This preview shows how the Yxy color 30.2968, 0.4317, 0.4320 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 30.2968, 0.4317, 0.4320 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 ✓ Pass

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

Yxy 30.2968, 0.4317, 0.4320

Background



This preview shows how black text looks on a background with the Yxy color 30.2968, 0.4317, 0.4320.



This preview shows how white text looks on a background with the Yxy color 30.2968, 0.4317, 0.4320.

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

30.2968, 0.4317, 0.4320

Protanopia

30.3494, 0.4069, 0.4458

Deuteranopia

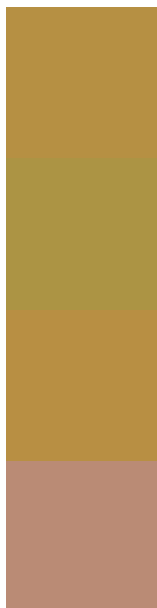
30.3645, 0.4359, 0.4292



Tritanopia

30.3750, 0.3605, 0.3153

Trichromacy



Original Color

30.2968, 0.4317, 0.4320

Protanomaly

30.3678, 0.4162, 0.4412

Deuteranomaly

30.2405, 0.4348, 0.4297

Tritanomaly

30.1887, 0.3901, 0.3602

Monochromacy



Original Color

30.2968, 0.4317, 0.4320

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

29.3394, 0.3563, 0.3728

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.2968, 0.4317, 0.4320 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(182, 144, 67)` looks like.

```
.text, #text, p{  
    color:rgb(182, 144, 67)  
}
```

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(182, 144, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 144, 67) }
```

Border

The CSS property to change the border of an element to Yxy 30.2968, 0.4317, 0.4320 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(182, 144, 67) }
```

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

```
.border{ border-color:rgb(182, 144, 67) }
```

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

Here you see how a box with a 4 pixel rgb(182, 144, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 144, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 144, 67);  
box-shadow:4px 4px 4px 4px rgb(182, 144,  
67) }
```


Background

The CSS property to change the background color of an element to Yxy 30.2968, 0.4317, 0.4320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 144, 67) }
```

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

```
.background{ background-color: rgb(182,  
144, 67) }
```

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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