

Converting Colors

$Y_{xy}(29.3148, 0.4165, 0.4181)$

Have a look what the booklet for
Yxy(29.3148, 0.4165, 0.4181)
contains.

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Color

Yxy(29.2576, 0.4175, 0.4181)

Conversions

Conversions Part 1

Format	Color
Hex	B18E4F
RGB	177, 142, 79
RGB Percent	69%, 56%, 31%
CMY	0.3059, 0.4431, 0.6902
CMYK	0.00, 0.20, 0.55, 0.31
HSL	39°, 39%, 50%
HSV	39°, 55%, 69%
XYZ	29.2156, 29.2576, 11.5043
YIQ	145.2830, 41.0830, -12.1730

Conversions

Conversions Part 2

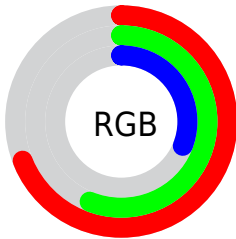
Format	Color
RYB	133, 177, 79
Decimal	11636303
CIELab	61.01, 5.51, 38.22
CIElCh	61, 38.617, 81.802
Yxy	29.2576, 0.4175, 0.4181
Android (android.graphics.Color)	4289826383 (0xFFB18E4F)
YUV	145.2830, -32.6775, 27.8158
Hunter-Lab	54.0903, 1.7546, 25.2530

Details

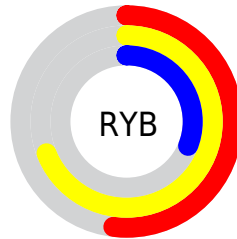
The Yxy color **29.2576, 0.4175, 0.4181** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **16.8700, 0.2202, 0.2163**, and the grayscale version is **28.5602, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.7537, 0.3970, 0.4019**, and **11.8908, 0.4491, 0.4413** is the 20% darker color. If you saturate the color by 10%, you get **27.2068, 0.4390, 0.4305**, and if you desaturate by 10%, it is **31.4865, 0.3959, 0.4032**.

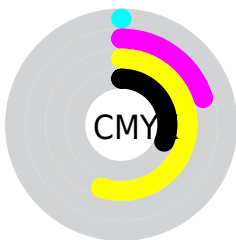
Distribution



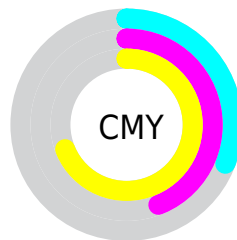
- Red (69%)
- Green (56%)
- Blue (31%)



- Red (52%)
- Yellow (69%)
- Blue (31%)



- Cyan (0%)
- Magenta (20%)
- Yellow (55%)
- Black (31%)




- Cyan (31%)
- Magenta (44%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 29.2576, 0.4175, 0.4181 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 29.2576, 0.4175, 0.4181 by changing the saturation by 10% instead.


 29.2576, 0.4175,
0.4181


 29.2576, 0.4175,
0.4181


298.4285, 0.3625,
0.3728


 19.2758, 0.4313,
0.4288


 58.4861, 0.3972,
0.4019


 11.8697, 0.4486,
0.4416


 78.5016, 0.3897,
0.3956


 6.6550, 0.4702,
0.4565


 102.6304, 0.3833,
0.3904

 3.2473, 0.5128,
0.4872

 131.2570, 0.3779,
0.3858

 1.2622, 0.5220,
0.4780

 164.7657, 0.3732,
0.3819

 0.1116, 0.6830,
0.3170

203.5409, 0.3692,

 0.0000, 0.0000,

0.3785

0.0000

247.9670, 0.3656,
0.3754

■ 29.2576, 0.4175,
0.4181

■ 29.2576, 0.4175,
0.4181

■ 27.2068, 0.4390,
0.4305

■ 31.4865, 0.3959,
0.4032

■ 25.3225, 0.4594,
0.4394

■ 33.8960, 0.3750,
0.3869

■ 23.5979, 0.4776,
0.4437

■ 36.4936, 0.3554,
0.3701

■ 22.0231, 0.4928,
0.4429

■ 39.2852, 0.3373,
0.3534

■ 21.3354, 0.4994,
0.4417

■ 42.2761, 0.3209,
0.3373

■ 45.4715, 0.3061,
0.3220

■ 48.8764, 0.2929,
0.3078

■ 52.4956, 0.2811,
0.2946

■ 56.3334, 0.2707,
0.2824

Harmonies

Analogous

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



29.2576, 0.4384, 0.3745



29.2576, 0.4175, 0.4181



29.2576, 0.3690, 0.4433

Triad

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



29.2576, 0.4175, 0.4181



29.2576, 0.2138, 0.3169



29.2576, 0.3071, 0.2485

Complementary

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



29.2576, 0.4175, 0.4181



16.8700, 0.2202, 0.2163

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.



29.2576, 0.2504, 0.2320



29.2576, 0.4175, 0.4181



29.2576, 0.2010, 0.2646

Square

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



29.2576, 0.4175, 0.4181



29.2576, 0.2516, 0.3821



29.2576, 0.2137, 0.2364



29.2576, 0.3715, 0.2818

Rectangle

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



29.2576, 0.4175, 0.4181



29.2576, 0.3288, 0.4407



29.2576, 0.2137, 0.2364



29.2576, 0.2865, 0.2409

Sweetspot

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



29.2590, 0.4175, 0.4181



69.3701, 0.3407, 0.3566



16.1753, 0.4123, 0.2777



14.8199, 0.3441, 0.3598



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.



29.2590, 0.4175, 0.4181



48.1114, 0.4427, 0.4324



39.8938, 0.3784, 0.4654



9.3859, 0.3272, 0.3436



15.5762, 0.4983, 0.4425



0.5955, 0.4712, 0.4641

Inverse Universe

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



16.8700, 0.2202, 0.2163



23.8407, 0.2014, 0.1874



11.0451, 0.2192, 0.1598



8.7103, 0.2985, 0.3140



4.9977, 0.1658, 0.1167



0.2700, 0.1822, 0.1759

Previews

White Background



This preview shows how the Yxy color 29.2576, 0.4175, 0.4181 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 29.2576, 0.4175, 0.4181 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 29.2576, 0.4175, 0.4181

Background



This preview shows how black text looks on a background with the Yxy color 29.2576, 0.4175, 0.4181.



This preview shows how white text looks on a background with the Yxy color 29.2576, 0.4175, 0.4181.

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

29.2576, 0.4175, 0.4181

Protanopia

29.4553, 0.3939, 0.4301

Deuteranopia

29.3176, 0.4217, 0.4155



Tritanopia

29.1618, 0.3566, 0.3136

Trichromacy



Original Color

29.2576, 0.4175, 0.4181

Protanomaly

29.3524, 0.4020, 0.4266

Deuteranomaly

29.1980, 0.4206, 0.4159

Tritanomaly

29.0956, 0.3808, 0.3523

Monochromacy



Original Color

29.2576, 0.4175, 0.4181

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

28.4951, 0.3505, 0.3654

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.2576, 0.4175, 0.4181 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(177, 142, 79)` looks like.

```
.text, #text, p{  
    color:rgb(177, 142, 79)  
}
```

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(177, 142, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 142, 79) }
```

Border

The CSS property to change the border of an element to Yxy 29.2576, 0.4175, 0.4181 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(177, 142, 79) }
```

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

```
.border{ border-color:rgb(177, 142, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 142, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 142, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 142, 79);  
box-shadow:4px 4px 4px 4px rgb(177, 142,  
79) }
```


Background

The CSS property to change the background color of an element to Yxy 29.2576, 0.4175, 0.4181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 142, 79) }
```

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

```
.background{ background-color: rgb(177,  
142, 79) }
```

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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