

Converting Colors

$Y_{xy}(29.2785, 0.4214, 0.4178)$

Have a look what the booklet for
Yxy(29.2785, 0.4214, 0.4178)
contains.

Yxy(29.1835, 0.4215, 0.4171)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(29.1835, 0.4215, 0.4171)

Conversions

Conversions Part 1

Format	Color
Hex	B38D4E
RGB	179, 141, 78
RGB Percent	70%, 55%, 31%
CMY	0.2980, 0.4470, 0.6940
CMYK	0.00, 0.21, 0.56, 0.30
HSL	37°, 40%, 50%
HSV	37°, 56%, 70%
XYZ	29.4914, 29.1835, 11.2928
YIQ	145.1800, 42.8710, -11.5370

Conversions

Conversions Part 2

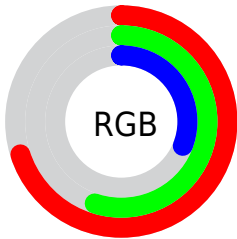
Format	Color
R_{YB}	139, 179, 78
Decimal	11767118
CIE Lab	60.94, 6.85, 38.69
CIE LCh	61, 39.294, 79.967
Yxy	29.1835, 0.4215, 0.4171
Android (android.graphics.Color)	4289957198 (0xFFB38D4E)
YUV	145.1800, -33.1197, 29.6601
Hunter-Lab	54.0218, 2.9080, 25.4212

Details

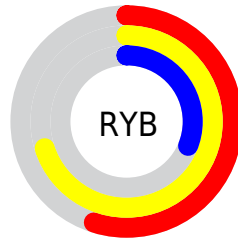
The Yxy color **29.1835, 0.4215, 0.4171** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **17.3741, 0.2192, 0.2172**, and the grayscale version is **28.5186, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.1731, 0.4005, 0.4004**, and **11.7869, 0.4532, 0.4399** is the 20% darker color. If you saturate the color by 10%, you get **27.0354, 0.4437, 0.4288**, and if you desaturate by 10%, it is **31.5252, 0.3993, 0.4028**.

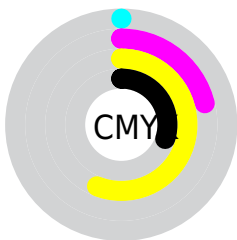
Distribution



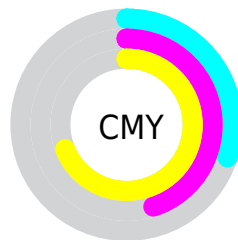
- Red (70%)
- Green (55%)
- Blue (31%)



- Red (55%)
- Yellow (70%)
- Blue (31%)



- Cyan (0%)
- Magenta (21%)
- Yellow (56%)
- Black (30%)





- Cyan (30%)
- Magenta (45%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.1835, 0.4215, 0.4171 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 29.1835, 0.4215, 0.4171 by changing the saturation by 10% instead.


 29.1835, 0.4215,
0.4171


 29.1835, 0.4215,
0.4171


298.0798, 0.3643,
0.3726

 19.2197, 0.4359,
0.4274


 58.3685, 0.4004,
0.4013


 11.8291, 0.4538,
0.4397


 78.3585, 0.3926,
0.3952


 6.6274, 0.4763,
0.4535


 102.4593, 0.3860,
0.3900

 3.2302, 0.5189,
0.4811

 131.0553, 0.3803,
0.3855

 1.2531, 0.5302,
0.4698

 164.5310, 0.3755,
0.3816

 0.1044, 0.7184,
0.2816

203.2707, 0.3713,

 0.0000, 0.0000,

0.3782

0.0000

247.6588, 0.3676,
0.3752

■ 29.1835, 0.4215,
0.4171

■ 29.1835, 0.4215,
0.4171

■ 27.0354, 0.4437,
0.4288

■ 31.5252, 0.3993,
0.4028

■ 25.0686, 0.4648,
0.4369

■ 34.0635, 0.3778,
0.3870

■ 23.2757, 0.4836,
0.4402

■ 36.8064, 0.3577,
0.3707

■ 21.6454, 0.4994,
0.4385

■ 39.7603, 0.3392,
0.3544

■ 21.0917, 0.5048,
0.4374

■ 42.9311, 0.3225,
0.3387

■ 46.3243, 0.3075,
0.3237

■ 49.9454, 0.2942,
0.3098

■ 53.7996, 0.2823,
0.2969

■ 57.8916, 0.2718,
0.2850

Harmonies

Analogous

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



29.1835, 0.4407, 0.3720



29.1835, 0.4215, 0.4171



29.1835, 0.3734, 0.4447

Triad

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



29.1835, 0.4215, 0.4171



29.1835, 0.2137, 0.3204



29.1835, 0.3030, 0.2457

Complementary

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



29.1835, 0.4215, 0.4171



17.3741, 0.2192, 0.2172

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.



29.1835, 0.2464, 0.2301



29.1835, 0.4215, 0.4171



29.1835, 0.1993, 0.2660

Square

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



29.1835, 0.4215, 0.4171



29.1835, 0.2535, 0.3870



29.1835, 0.2106, 0.2359



29.1835, 0.3687, 0.2786

Rectangle

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



29.1835, 0.4215, 0.4171



29.1835, 0.3328, 0.4440



29.1835, 0.2106, 0.2359



29.1835, 0.2823, 0.2383

Sweetspot

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



29.1849, 0.4215, 0.4171



70.7277, 0.3408, 0.3558



16.3157, 0.4124, 0.2745



15.4328, 0.3443, 0.3590



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



29.1849, 0.4215, 0.4171



47.4214, 0.4496, 0.4314



41.0300, 0.3810, 0.4669



9.3585, 0.3272, 0.3432



15.0327, 0.5035, 0.4384



0.5808, 0.4745, 0.4615

Inverse Universe

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



17.3741, 0.2192, 0.2172



24.2458, 0.1994, 0.1867



10.8729, 0.2155, 0.1556



8.7368, 0.2985, 0.3144



5.2838, 0.1672, 0.1220



0.2807, 0.1835, 0.1807

Previews

White Background



This preview shows how the Yxy color 29.1835, 0.4215, 0.4171 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 29.1835, 0.4215, 0.4171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

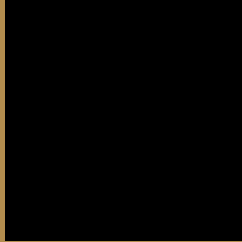
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.1835, 0.4215, 0.4171

Background



This preview shows how black text looks on a background with the Yxy color 29.1835, 0.4215, 0.4171.



This preview shows how white text looks on a background with the Yxy color 29.1835, 0.4215, 0.4171.

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

29.1835, 0.4215, 0.4171

Protanopia

29.1280, 0.3955, 0.4302

Deuteranopia

29.0095, 0.4235, 0.4154



Tritanopia

29.1030, 0.3603, 0.3137

Trichromacy



Original Color

29.1835, 0.4215, 0.4171

Protanomaly

29.1401, 0.4048, 0.4261

Deuteranomaly

29.0095, 0.4235, 0.4154

Tritanomaly

29.0317, 0.3847, 0.3521

Monochromacy



Original Color

29.1835, 0.4215, 0.4171

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 29.1835, 0.4215, 0.4171 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(179, 141, 78)` looks like.

```
.text, #text, p{  
    color:rgb(179, 141, 78)  
}
```

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(179, 141, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 141, 78) }
```

Border

The CSS property to change the border of an element to Yxy 29.1835, 0.4215, 0.4171 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(179, 141, 78) }
```

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

```
.border{ border-color:rgb(179, 141, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 141, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 141, 78); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 141, 78); box-shadow:4px 4px 4px 4px rgb(179, 141, 78) }
```


Background

The CSS property to change the background color of an element to Yxy 29.1835, 0.4215, 0.4171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 141, 78) }
```

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

```
.background{ background-color: rgb(179,  
141, 78) }
```

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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