

Converting Colors

$Yxy(29.3438, 0.4082, 0.4007)$

Have a look what the booklet for
Yxy(29.3438, 0.4082, 0.4007)
contains.

Yxy(29.2701, 0.4077, 0.4008)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(29.2701, 0.4077, 0.4008)

Conversions

Conversions Part 1

Format	Color
Hex	B28D5B
RGB	178, 141, 91
RGB Percent	70%, 55%, 36%
CMY	0.3020, 0.4470, 0.6430
CMYK	0.00, 0.21, 0.49, 0.30
HSL	34°, 36%, 53%
HSV	34°, 49%, 70%
XYZ	29.7740, 29.2701, 13.9851
YIQ	146.3630, 38.1020, -7.7060

Conversions

Conversions Part 2

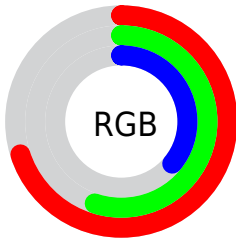
Format	Color
RYB	155, 178, 91
Decimal	11701595
CIELab	61.02, 7.60, 31.88
CIELCh	61, 32.775, 76.599
Yxy	29.2701, 0.4077, 0.4008
Android (android.graphics.Color)	4289891675 (0xFFB28D5B)
YUV	146.3630, -27.2940, 27.7456
Hunter-Lab	54.1018, 3.5561, 22.5451

Details

The Yxy color **29.2701, 0.4077, 0.4008** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **20.8853, 0.2333, 0.2427**, and the grayscale version is **29.0057, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.6454, 0.3882, 0.3881**, and **11.8750, 0.4375, 0.4202** is the 20% darker color. If you saturate the color by 10%, you get **26.8425, 0.4316, 0.4135**, and if you desaturate by 10%, it is **31.9261, 0.3848, 0.3864**.

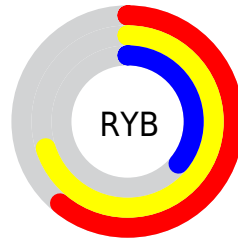
Distribution



Red (70%)

Green (55%)

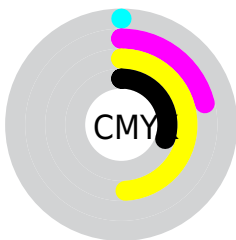
Blue (36%)



Red (61%)

Yellow (70%)

Blue (36%)

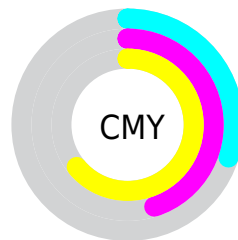


Cyan (0%)

Magenta (21%)

Yellow (49%)

Black (30%)



Cyan (30%)


Magenta (45%)


Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.2701, 0.4077, 0.4008 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 29.2701, 0.4077, 0.4008 by changing the saturation by 10% instead.


 29.2701, 0.4077,
0.4008


 29.2701, 0.4077,
0.4008


298.4872, 0.3571,
0.3641


 19.2852, 0.4209,
0.4097


 58.5059, 0.3888,
0.3875


 11.8766, 0.4380,
0.4207


 78.5257, 0.3818,
0.3825

 6.6597, 0.4606,
0.4339


 102.6593, 0.3760,
0.3782

 3.2502, 0.4998,
0.4574

 131.2910, 0.3710,
0.3746

 1.2637, 0.5346,
0.4654

164.8052, 0.3668,
0.3714

 0.1128, 0.7217,
0.2783

203.5864, 0.3631,

 0.0000, 0.0000,

0.3687

0.0000

248.0190, 0.3599,
0.3662

■ 29.2701, 0.4077,
0.4008

■ 29.2701, 0.4077,
0.4008

■ 26.8425, 0.4316,
0.4135

■ 31.9261, 0.3848,
0.3864

■ 24.6307, 0.4557,
0.4235

■ 34.8139, 0.3634,
0.3713

■ 22.6272, 0.4786,
0.4295

■ 37.9421, 0.3440,
0.3561

■ 20.8218, 0.4991,
0.4306

■ 41.3174, 0.3266,
0.3414

■ 19.1985, 0.5166,
0.4269

■ 44.9465, 0.3110,
0.3274

■ 19.0225, 0.5186,
0.4264

■ 48.8353, 0.2973,
0.3144

■ 52.9899, 0.2852,
0.3023

■ 57.4158, 0.2746,
0.2911

■ 62.1187, 0.2652,
0.2809

Harmonies

Analogous

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



29.2701, 0.4194, 0.3624



29.2701, 0.4077, 0.4008



29.2701, 0.3701, 0.4243

Triad

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



29.2701, 0.4077, 0.4008



29.2701, 0.2320, 0.3288



29.2701, 0.2991, 0.2556

Complementary

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



29.2701, 0.4077, 0.4008



20.8853, 0.2333, 0.2427

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.



29.2701, 0.2525, 0.2444



29.2701, 0.4077, 0.4008



29.2701, 0.2165, 0.2812

Square

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



29.2701, 0.4077, 0.4008



29.2701, 0.2685, 0.3825



29.2701, 0.2237, 0.2523



29.2701, 0.3537, 0.2826

Rectangle

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



29.2701, 0.4077, 0.4008



29.2701, 0.3366, 0.4249



29.2701, 0.2237, 0.2523



29.2701, 0.2820, 0.2499

Sweetspot

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



29.2715, 0.4077, 0.4008



70.9578, 0.3375, 0.3508



18.5300, 0.3862, 0.2747



15.4431, 0.3412, 0.3539



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.



29.2715, 0.4077, 0.4008



48.1919, 0.4345, 0.4149



41.3889, 0.3777, 0.4484



9.2889, 0.3273, 0.3421



13.7380, 0.5172, 0.4275



0.5450, 0.4832, 0.4546

Inverse Universe

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



20.8853, 0.2333, 0.2427



31.1765, 0.2155, 0.2185



13.2342, 0.2264, 0.1795



8.8047, 0.2985, 0.3156



6.0902, 0.1712, 0.1364



0.3082, 0.1869, 0.1928

Previews

White Background



This preview shows how the Yxy color 29.2701, 0.4077, 0.4008 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 29.2701, 0.4077, 0.4008 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

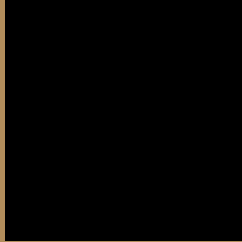
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.2701, 0.4077, 0.4008

Background



This preview shows how black text looks on a background with the Yxy color 29.2701, 0.4077, 0.4008.



This preview shows how white text looks on a background with the Yxy color 29.2701, 0.4077, 0.4008.

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

29.2701, 0.4077, 0.4008

Protanopia

29.2527, 0.3813, 0.4108

Deuteranopia

29.2701, 0.4077, 0.4008



Tritanopia

29.1618, 0.3566, 0.3136

Trichromacy



Original Color

29.2701, 0.4077, 0.4008

Protanomaly

29.2566, 0.3904, 0.4074

Deuteranomaly

29.2701, 0.4077, 0.4008

Tritanomaly

29.1957, 0.3762, 0.3465

Monochromacy



Original Color

29.2701, 0.4077, 0.4008

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

28.7220, 0.3464, 0.3573

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.2701, 0.4077, 0.4008 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(178, 141, 91)` looks like.

```
.text, #text, p{  
    color:rgb(178, 141, 91)  
}
```

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(178, 141, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 141, 91) }
```

Border

The CSS property to change the border of an element to Yxy 29.2701, 0.4077, 0.4008 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(178, 141, 91) }
```

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

```
.border{ border-color:rgb(178, 141, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 141, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 141, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 141, 91);  
box-shadow:4px 4px 4px 4px rgb(178, 141,  
91) }
```


Background

The CSS property to change the background color of an element to Yxy 29.2701, 0.4077, 0.4008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 141, 91) }
```

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

```
.background{ background-color: rgb(178,  
141, 91) }
```

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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