

Converting Colors

$Y_{xy}(29.1823, 0.4303, 0.4204)$

Have a look what the booklet for
Yxy(29.1823, 0.4303, 0.4204)
contains.

Yxy(29.1823, 0.4303, 0.4204)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(29.1823, 0.4303, 0.4204)

Conversions

Conversions Part 1

Format	Color
Hex	B68C49
RGB	182, 140, 73
RGB Percent	71%, 55%, 29%
CMY	0.2863, 0.4509, 0.7137
CMYK	0.00, 0.23, 0.60, 0.29
HSL	37°, 43%, 50%
HSV	37°, 60%, 71%
XYZ	29.8695, 29.1823, 10.3637
YIQ	144.9200, 46.5390, -11.9330

Conversions

Conversions Part 2

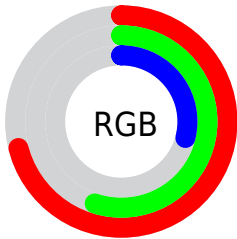
Format	Color
RYB	141, 182, 73
Decimal	11963465
CIELab	60.94, 8.29, 41.34
CIELCh	61, 42.166, 78.660
Yxy	29.1823, 0.4303, 0.4204
Android (android.graphics.Color)	4290153545 (0xFFB68C49)
YUV	144.9200, -35.4566, 32.5192
Hunter-Lab	54.0206, 4.1615, 26.4398

Details

The Yxy color **29.1823, 0.4303, 0.4204** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **17.0518, 0.2138, 0.2105**, and the grayscale version is **28.4146, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.1204, 0.4074, 0.4037**, and **11.8139, 0.4649, 0.4420** is the 20% darker color. If you saturate the color by 10%, you get **26.9927, 0.4526, 0.4308**, and if you desaturate by 10%, it is **31.5759, 0.4076, 0.4071**.

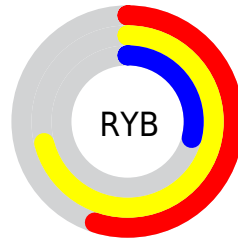
Distribution



Red (71%)

Green (55%)

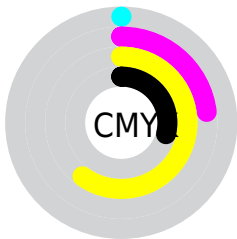
Blue (29%)



Red (55%)

Yellow (71%)

Blue (29%)

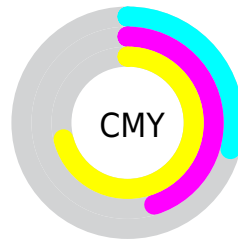


Cyan (0%)

Magenta (23%)

Yellow (60%)

Black (29%)



Cyan (29%)


Magenta (45%)


Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.1823, 0.4303, 0.4204 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 29.1823, 0.4303, 0.4204 by changing the saturation by 10% instead.


 29.1823, 0.4303,
0.4204


 29.1823, 0.4303,
0.4204


298.0741, 0.3688,
0.3749

 19.2188, 0.4455,
0.4305


 58.3666, 0.4078,
0.4045


 11.8285, 0.4644,
0.4422


 78.3562, 0.3993,
0.3982

 6.6270, 0.4876,
0.4548


 102.4565, 0.3922,
0.3929

 3.2299, 0.5253,
0.4747

 131.0521, 0.3861,
0.3883

 1.2529, 0.5389,
0.4611

 164.5272, 0.3809,
0.3843

 0.1043, 0.7430,
0.2570

203.2663, 0.3763,

 0.0000, 0.0000,

0.3808

0.0000

247.6539, 0.3723,
0.3776

■ 29.1823, 0.4303,
0.4204

■ 29.1823, 0.4303,
0.4204

■ 26.9927, 0.4526,
0.4308

■ 31.5759, 0.4076,
0.4071

■ 24.9940, 0.4735,
0.4371

■ 34.1772, 0.3856,
0.3919

■ 23.1777, 0.4917,
0.4384

■ 36.9948, 0.3648,
0.3758

■ 21.5260, 0.5072,
0.4354

■ 40.0357, 0.3456,
0.3596

■ 21.5069, 0.5074,
0.4353

■ 43.3063, 0.3282,
0.3439

■ 46.8126, 0.3125,
0.3288

■ 50.5604, 0.2986,
0.3147

■ 54.5555, 0.2863,
0.3016

■ 58.8030, 0.2754,
0.2895

Harmonies

Analogous

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



29.1823, 0.4498, 0.3716



29.1823, 0.4303, 0.4204



29.1823, 0.3796, 0.4523

Triad

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



29.1823, 0.4303, 0.4204



29.1823, 0.2084, 0.3223



29.1823, 0.2990, 0.2393

Complementary

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



29.1823, 0.4303, 0.4204



17.0518, 0.2138, 0.2105

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.



29.1823, 0.2397, 0.2237



29.1823, 0.4303, 0.4204



29.1823, 0.1923, 0.2632

Square

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



29.1823, 0.4303, 0.4204



29.1823, 0.2515, 0.3945



29.1823, 0.2031, 0.2305



29.1823, 0.3696, 0.2734

Rectangle

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



29.1823, 0.4303, 0.4204



29.1823, 0.3364, 0.4537



29.1823, 0.2031, 0.2305



29.1823, 0.2772, 0.2319

Sweetspot

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



29.1837, 0.4303, 0.4204



73.5052, 0.3427, 0.3571



15.9849, 0.4190, 0.2694



15.8672, 0.3481, 0.3618



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.



29.1837, 0.4303, 0.4204



47.6992, 0.4598, 0.4334



42.5978, 0.3859, 0.4731



9.9066, 0.3273, 0.3430



15.3227, 0.5061, 0.4363



0.6562, 0.4783, 0.4584

Inverse Universe

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



17.0518, 0.2138, 0.2105



23.8438, 0.1942, 0.1790



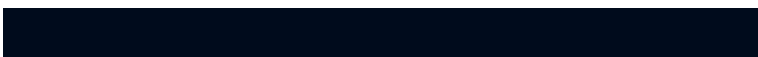
10.0242, 0.2070, 0.1434



9.2715, 0.2985, 0.3146



5.6077, 0.1679, 0.1243



0.3189, 0.1828, 0.1779

Previews

White Background



This preview shows how the Yxy color 29.1823, 0.4303, 0.4204 looks on a white background.

Color Contrast Check

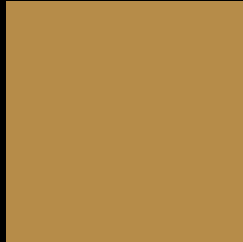
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.1823, 0.4303, 0.4204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

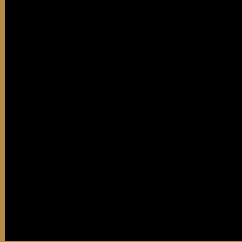
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.1823, 0.4303, 0.4204

Background



This preview shows how black text looks on a background with the Yxy color 29.1823, 0.4303, 0.4204.



This preview shows how white text looks on a background with the Yxy color 29.1823, 0.4303, 0.4204.

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

29.1823, 0.4303, 0.4204

Protanopia

29.1620, 0.4011, 0.4363

Deuteranopia

29.0610, 0.4292, 0.4209



Tritanopia

29.1469, 0.3664, 0.3153

Trichromacy



Original Color

29.1823, 0.4303, 0.4204

Protanomaly

28.9870, 0.4124, 0.4302

Deuteranomaly

29.0610, 0.4292, 0.4209

Tritanomaly

29.0514, 0.3921, 0.3546

Monochromacy



Original Color

29.1823, 0.4303, 0.4204

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

28.2459, 0.3541, 0.3670

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.1823, 0.4303, 0.4204 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, 140, 73)` looks like.

```
.text, #text, p{  
    color:rgb(182, 140, 73)  
}
```

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, 140, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 140, 73) }
```

Border

The CSS property to change the border of an element to Yxy 29.1823, 0.4303, 0.4204 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, 140, 73) }
```

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

```
.border{ border-color:rgb(182, 140, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 140, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 140, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 140, 73);  
box-shadow:4px 4px 4px 4px rgb(182, 140,  
73) }
```


Background

The CSS property to change the background color of an element to Yxy 29.1823, 0.4303, 0.4204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 140, 73) }
```

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

```
.background{ background-color: rgb(182,  
140, 73) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor