

Converting Colors

$Yxy(30.2985, 0.4301, 0.4253)$

Have a look what the booklet for
Yxy(30.2985, 0.4301, 0.4253)
contains.

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Color

Yxy(30.1801, 0.4296, 0.4248)

Conversions

Conversions Part 1

Format	Color
Hex	B78F48
RGB	183, 143, 72
RGB Percent	72%, 56%, 28%
CMY	0.2823, 0.4392, 0.7177
CMYK	0.00, 0.22, 0.61, 0.28
HSL	38°, 44%, 50%
HSV	38°, 61%, 72%
XYZ	30.5211, 30.1801, 10.3442
YIQ	146.8660, 46.6310, -13.6010

Conversions

Conversions Part 2

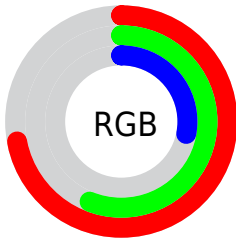
Format	Color
R _Y B	135, 183, 72
Decimal	12029768
CIE Lab	61.81, 7.01, 42.89
CIE LCh	62, 43.464, 80.722
Yxy	30.1801, 0.4296, 0.4248
Android (android.graphics.Color)	4290219848 (0xFFB78F48)
YUV	146.8660, -36.9089, 31.6895
Hunter-Lab	54.9364, 3.0308, 27.2915

Details

The Yxy color **30.1801, 0.4296, 0.4248** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **16.3810, 0.2114, 0.2036**, and the grayscale version is **29.2605, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.0633, 0.4068, 0.4084**, and **12.3987, 0.4627, 0.4478** is the 20% darker color. If you saturate the color by 10%, you get **28.0553, 0.4508, 0.4354**, and if you desaturate by 10%, it is **32.4953, 0.4078, 0.4112**.

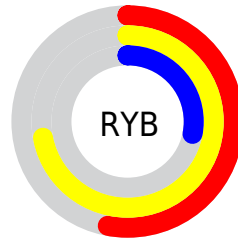
Distribution



Red (72%)

Green (56%)

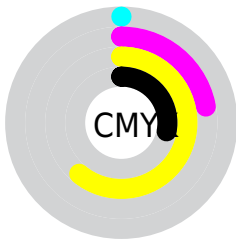
Blue (28%)



Red (53%)

Yellow (72%)

Blue (28%)

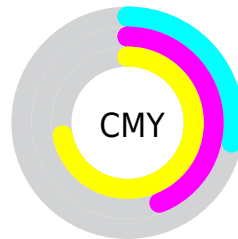


Cyan (0%)

Magenta (22%)

Yellow (61%)

Black (28%)



Cyan (28%)


Magenta (44%)


Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.1801, 0.4296, 0.4248 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 30.1801, 0.4296, 0.4248 by changing the saturation by 10% instead.


 30.1801, 0.4296,
0.4248

 30.1801, 0.4296,
0.4248


302.7430, 0.3690,
0.3772


 19.9753, 0.4443,
0.4354


 59.9469, 0.4076,
0.4082


 12.3771, 0.4623,
0.4476


 80.2777, 0.3993,
0.4017

 7.0011, 0.4842,
0.4608

 104.7526, 0.3923,
0.3961

 3.4628, 0.5189,
0.4811

 133.7561, 0.3862,
0.3912

 1.3778, 0.5299,
0.4701

 167.6724, 0.3810,
0.3870

 0.2003, 0.6434,
0.3566

206.8861, 0.3765,

 0.0000, 0.0000,

0.3834

0.0000

251.7815, 0.3725,
0.3801

■ 30.1801, 0.4296,
0.4248

■ 30.1801, 0.4296,
0.4248

■ 28.0553, 0.4508,
0.4354

■ 32.4953, 0.4078,
0.4112

■ 26.1079, 0.4703,
0.4418

■ 35.0042, 0.3863,
0.3955

■ 24.3298, 0.4872,
0.4432

■ 37.7152, 0.3659,
0.3789

■ 22.8064, 0.5005,
0.4408

■ 40.6349, 0.3468,
0.3622

■ 43.7694, 0.3294,
0.3457

■ 47.1246, 0.3137,
0.3300

■ 50.7060, 0.2996,
0.3152

■ 54.5188, 0.2871,
0.3015

■ 58.5682, 0.2760,
0.2888

Harmonies

Analogous

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



30.1801, 0.4523, 0.3757



30.1801, 0.4296, 0.4248



30.1801, 0.3763, 0.4557

Triad

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



30.1801, 0.4296, 0.4248



30.1801, 0.2046, 0.3172



30.1801, 0.3035, 0.2397

Complementary

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



30.1801, 0.4296, 0.4248



16.3810, 0.2114, 0.2036

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.



30.1801, 0.2418, 0.2224



30.1801, 0.4296, 0.4248



30.1801, 0.1902, 0.2587

Square

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



30.1801, 0.4296, 0.4248



30.1801, 0.2465, 0.3910



30.1801, 0.2030, 0.2275



30.1801, 0.3755, 0.2753

Rectangle

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



30.1801, 0.4296, 0.4248



30.1801, 0.3319, 0.4552



30.1801, 0.2030, 0.2275



30.1801, 0.2809, 0.2317

Sweetspot

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



30.1816, 0.4296, 0.4248



74.0666, 0.3425, 0.3582



15.8857, 0.4279, 0.2740



16.0088, 0.3478, 0.3631



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.



30.1816, 0.4296, 0.4248



48.9732, 0.4580, 0.4382



42.6839, 0.3830, 0.4767



9.9443, 0.3272, 0.3436



16.0428, 0.4993, 0.4417



0.6784, 0.4738, 0.4620

Inverse Universe

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



16.3810, 0.2114, 0.2036



22.2399, 0.1912, 0.1706



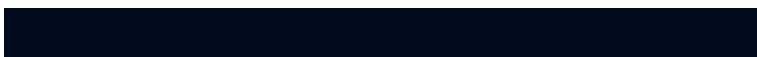
10.0675, 0.2087, 0.1422



9.2350, 0.2985, 0.3140



5.2178, 0.1659, 0.1173



0.3035, 0.1811, 0.1718

Previews

White Background



This preview shows how the Yxy color 30.1801, 0.4296, 0.4248 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 30.1801, 0.4296, 0.4248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

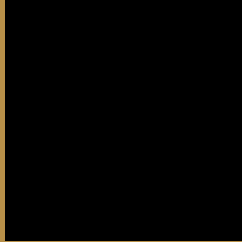
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.1801, 0.4296, 0.4248

Background



This preview shows how black text looks on a background with the Yxy color 30.1801, 0.4296, 0.4248.



This preview shows how white text looks on a background with the Yxy color 30.1801, 0.4296, 0.4248.

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

30.1801, 0.4296, 0.4248

Protanopia

30.3064, 0.4018, 0.4403

Deuteranopia

30.0042, 0.4316, 0.4231



Tritanopia

30.1911, 0.3631, 0.3154

Trichromacy



Original Color

30.1801, 0.4296, 0.4248

Protanomaly

30.1191, 0.4130, 0.4341

Deuteranomaly

30.0042, 0.4316, 0.4231

Tritanomaly

30.0498, 0.3906, 0.3573

Monochromacy



Original Color

30.1801, 0.4296, 0.4248

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

29.3874, 0.3542, 0.3696

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.1801, 0.4296, 0.4248 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(183, 143, 72)` looks like.

```
.text, #text, p{  
    color:rgb(183, 143, 72)  
}
```

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(183, 143, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 143, 72) }
```

Border

The CSS property to change the border of an element to Yxy 30.1801, 0.4296, 0.4248 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(183, 143, 72) }
```

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

```
.border{ border-color:rgb(183, 143, 72) }
```

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

Here you see how a box with a 4 pixel rgb(183, 143, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 143, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 143, 72);  
box-shadow:4px 4px 4px 4px rgb(183, 143,  
72) }
```


Background

The CSS property to change the background color of an element to Yxy 30.1801, 0.4296, 0.4248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 143, 72) }
```

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

```
.background{ background-color: rgb(183,  
143, 72) }
```

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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