

Converting Colors

Yxy(30.2101, 0.4188, 0.4006)

Have a look what the booklet for
Yxy(30.2101, 0.4188, 0.4006)
contains.

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Color

Yxy(30.2101, 0.4188, 0.4006)

Conversions

Conversions Part 1

Format	Color
Hex	BA8D59
RGB	186, 141, 89
RGB Percent	73%, 55%, 35%
CMY	0.2705, 0.4471, 0.6509
CMYK	0.00, 0.24, 0.52, 0.27
HSL	32°, 41%, 54%
HSV	32°, 52%, 73%
XYZ	31.5826, 30.2101, 13.6194
YIQ	148.5270, 43.5120, -6.6320

Conversions

Conversions Part 2

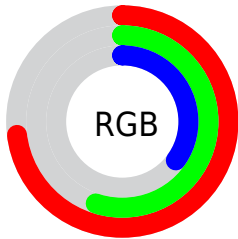
Format	Color
RYB	173, 186, 89
Decimal	12225881
CIELab	61.84, 10.82, 34.18
CIELCh	62, 35.848, 72.432
Yxy	30.2101, 0.4188, 0.4006
Android (android.graphics.Color)	4290415961 (0xFFBA8D59)
YUV	148.5270, -29.3468, 32.8638
Hunter-Lab	54.9637, 6.3811, 23.7832

Details

The Yxy color **30.2101, 0.4188, 0.4006** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **22.7321, 0.2290, 0.2419**, and the grayscale version is **29.9593, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.1568, 0.3974, 0.3884**, and **12.3952, 0.4509, 0.4182** is the 20% darker color. If you saturate the color by 10%, you get **27.4897, 0.4444, 0.4117**, and if you desaturate by 10%, it is **33.2110, 0.3942, 0.3875**.

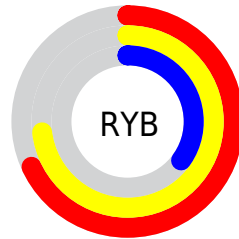
Distribution



Red (73%)

Green (55%)

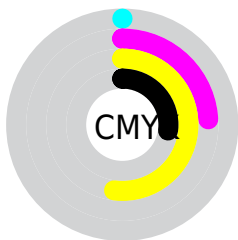
Blue (35%)



Red (68%)

Yellow (73%)

Blue (35%)

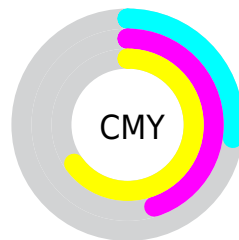


Cyan (0%)

Magenta (24%)

Yellow (52%)

Black (27%)



Cyan (27%)


Magenta (45%)


Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.2101, 0.4188, 0.4006 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 30.2101, 0.4188, 0.4006 by changing the saturation by 10% instead.


 30.2101, 0.4188,
0.4006


 30.2101, 0.4188,
0.4006


302.8826, 0.3626,
0.3649


 19.9981, 0.4333,
0.4088


 59.9943, 0.3979,
0.3880

 12.3937, 0.4520,
0.4186


 80.3353, 0.3901,
0.3831

 7.0124, 0.4762,
0.4298


 104.8214, 0.3837,
0.3789

 3.4698, 0.5186,
0.4500

 133.8370, 0.3782,
0.3753

 1.3817, 0.5519,
0.4481

 167.7665, 0.3734,
0.3722

 0.2032, 0.6924,
0.3076

206.9944, 0.3694,

 0.0000, 0.0000,

0.3695

0.0000

251.9049, 0.3658,
0.3670

■ 30.2101, 0.4188,
0.4006

■ 30.2101, 0.4188,
0.4006

■ 27.4897, 0.4444,
0.4117

■ 33.2110, 0.3942,
0.3875

■ 25.0347, 0.4701,
0.4196

■ 36.4977, 0.3714,
0.3734

■ 22.8351, 0.4943,
0.4231

■ 40.0809, 0.3508,
0.3591

■ 20.8777, 0.5156,
0.4214

■ 43.9693, 0.3323,
0.3451

■ 19.4950, 0.5303,
0.4171

■ 48.1710, 0.3160,
0.3318

■ 52.6940, 0.3016,
0.3193

■ 57.5457, 0.2890,
0.3077

■ 62.7336, 0.2780,
0.2970

■ 68.1719, 0.2692,
0.2887

Harmonies

Analogous

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



30.2101, 0.4273, 0.3580



30.2101, 0.4188, 0.4006



30.2101, 0.3811, 0.4299

Triad

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



30.2101, 0.4188, 0.4006



30.2101, 0.2299, 0.3366



30.2101, 0.2899, 0.2476

Complementary

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



30.2101, 0.4188, 0.4006



22.7321, 0.2290, 0.2419

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.



30.2101, 0.2423, 0.2381



30.2101, 0.4188, 0.4006



30.2101, 0.2103, 0.2831

Square

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



30.2101, 0.4188, 0.4006



30.2101, 0.2717, 0.3945



30.2101, 0.2147, 0.2493



30.2101, 0.3488, 0.2743

Rectangle

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



30.2101, 0.4188, 0.4006



30.2101, 0.3459, 0.4344



30.2101, 0.2147, 0.2493



30.2101, 0.2722, 0.2423

Sweetspot

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



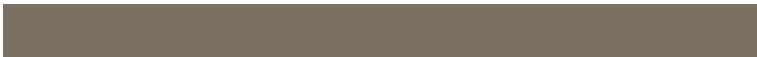
30.2116, 0.4188, 0.4006



76.7073, 0.3396, 0.3508



19.3177, 0.3890, 0.2669



16.5719, 0.3435, 0.3537



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



30.2116, 0.4188, 0.4006



48.9344, 0.4493, 0.4135



45.8916, 0.3846, 0.4544



9.7877, 0.3275, 0.3413



13.2631, 0.5284, 0.4186



0.5901, 0.4931, 0.4466

Inverse Universe

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



22.7321, 0.2290, 0.2419



33.8869, 0.2112, 0.2175



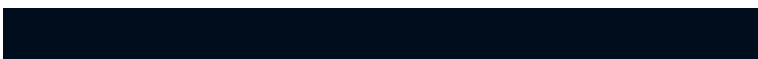
12.9804, 0.2165, 0.1665



9.3881, 0.2985, 0.3164



7.0459, 0.1745, 0.1483



0.3724, 0.1883, 0.1979

Previews

White Background



This preview shows how the Yxy color 30.2101, 0.4188, 0.4006 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 30.2101, 0.4188, 0.4006 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

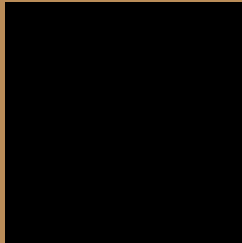
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.2101, 0.4188, 0.4006

Background



This preview shows how black text looks on a background with the Yxy color 30.2101, 0.4188, 0.4006.



This preview shows how white text looks on a background with the Yxy color 30.2101, 0.4188, 0.4006.

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

30.2101, 0.4188, 0.4006

Protanopia

30.3719, 0.3837, 0.4170

Deuteranopia

30.3113, 0.4128, 0.4047



Tritanopia

30.1402, 0.3668, 0.3155

Trichromacy



Original Color

30.2101, 0.4188, 0.4006

Protanomaly

30.2807, 0.3956, 0.4114

Deuteranomaly

30.1346, 0.4147, 0.4030

Tritanomaly

30.1654, 0.3865, 0.3473

Monochromacy



Original Color

30.2101, 0.4188, 0.4006

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

29.7715, 0.3492, 0.3584

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.2101, 0.4188, 0.4006 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(186, 141, 89)` looks like.

```
.text, #text, p{  
    color:rgb(186, 141, 89)  
}
```

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(186, 141, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 141, 89) }
```

Border

The CSS property to change the border of an element to Yxy 30.2101, 0.4188, 0.4006 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(186, 141, 89) }
```

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

```
.border{ border-color:rgb(186, 141, 89) }
```

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

Here you see how a box with a 4 pixel rgb(186, 141, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 141, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 141, 89);  
box-shadow:4px 4px 4px 4px rgb(186, 141,  
89) }
```


Background

The CSS property to change the background color of an element to Yxy 30.2101, 0.4188, 0.4006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 141, 89) }
```

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

```
.background{ background-color: rgb(186,  
141, 89) }
```

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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