

Converting Colors

$Yxy(30.0647, 0.4070, 0.3665)$

Have a look what the booklet for
Yxy(30.0647, 0.4070, 0.3665)
contains.

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Color

Yxy(30.2019, 0.4070, 0.3675)

Conversions

Conversions Part 1

Format	Color
Hex	C0896D
RGB	192, 137, 109
RGB Percent	75%, 54%, 43%
CMY	0.2470, 0.4628, 0.5726
CMYK	0.00, 0.29, 0.43, 0.25
HSL	20°, 40%, 59%
HSV	20°, 43%, 75%
XYZ	33.4481, 30.2019, 18.5321
YIQ	150.2530, 41.7680, 2.9520

Conversions

Conversions Part 2

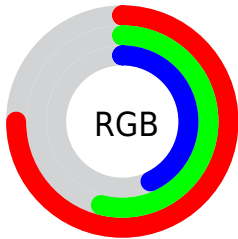
Format	Color
R_{YB}	192, 151, 109
Decimal	12618093
CIE Lab	61.83, 17.54, 23.35
CIE LCh	62, 29.203, 53.087
Yxy	30.2019, 0.4070, 0.3675
Android (android.graphics.Color)	4290808173 (0xFFC0896D)
YUV	150.2530, -20.3377, 36.6121
Hunter-Lab	54.9563, 12.4672, 18.4759

Details

The Yxy color **30.2019, 0.4070, 0.3675** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **33.6154, 0.2476, 0.2860**, and the grayscale version is **30.6879, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.1588, 0.3871, 0.3611**, and **12.3876, 0.4386, 0.3772** is the 20% darker color. If you saturate the color by 10%, you get **26.4269, 0.4381, 0.3756**, and if you desaturate by 10%, it is **34.4969, 0.3794, 0.3585**.

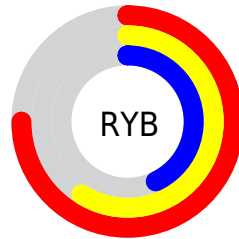
Distribution



Red (75%)

Green (54%)

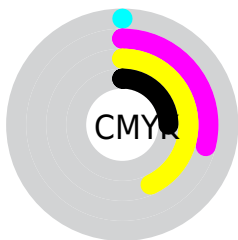
Blue (43%)



Red (75%)

Yellow (59%)

Blue (43%)

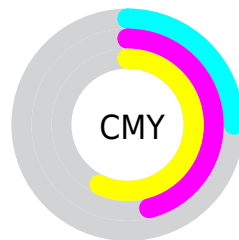


Cyan (0%)

Magenta (29%)

Yellow (43%)

Black (25%)



Cyan (25%)

Magenta (46%)

Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.2019, 0.4070, 0.3675 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 30.2019, 0.4070, 0.3675 by changing the saturation by 10% instead.


 30.2019, 0.4070,
0.3675


 30.2019, 0.4070,
0.3675


302.8444, 0.3562,
0.3488


 19.9919, 0.4208,
0.3717


 59.9813, 0.3877,
0.3610

 12.3891, 0.4391,
0.3767


 80.3195, 0.3807,
0.3584

 7.0093, 0.4643,
0.3824


 104.8026, 0.3749,
0.3562

 3.4679, 0.5006,
0.3877

 133.8149, 0.3700,
0.3543

 1.3806, 0.5887,
0.4113

167.7408, 0.3658,
0.3527

 0.2024, 0.7541,
0.2459

206.9648, 0.3621,

 0.0000, 0.0000,

0.3512

0.0000

251.8712, 0.3590,
0.3499

■ 30.2019, 0.4070,
0.3675

■ 30.2019, 0.4070,
0.3675

■ 26.4269, 0.4381,
0.3756

■ 34.4969, 0.3794,
0.3585

■ 23.1469, 0.4721,
0.3819

■ 39.3270, 0.3556,
0.3492

■ 20.3409, 0.5072,
0.3851


■ 44.7121, 0.3351,
0.3402


■ 17.9848, 0.5410,
0.3839


■ 50.6696, 0.3178,
0.3316

■ 16.0516, 0.5703,
0.3779

■ 57.2163, 0.3030,
0.3237

 14.9628, 0.5872,
0.3720

 64.3680, 0.2905,
0.3164

 72.1401, 0.2799,
0.3097

 80.0475, 0.2747,
0.3115

 87.7552, 0.2759,
0.3252

Harmonies

Analogous

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



30.2019, 0.3951, 0.3299



30.2019, 0.4070, 0.3675



30.2019, 0.3914, 0.3992

Triad

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



30.2019, 0.4070, 0.3675



30.2019, 0.2654, 0.3663



30.2019, 0.2672, 0.2542

Complementary

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



30.2019, 0.4070, 0.3675



33.6154, 0.2476, 0.2860

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.



30.2019, 0.2374, 0.2578



30.2019, 0.4070, 0.3675



30.2019, 0.2362, 0.3193

Square

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



30.2019, 0.4070, 0.3675



30.2019, 0.3086, 0.4031



30.2019, 0.2266, 0.2800



30.2019, 0.3112, 0.2676

Rectangle

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



30.2019, 0.4070, 0.3675



30.2019, 0.3687, 0.4118



30.2019, 0.2266, 0.2800



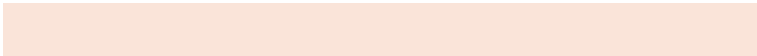
30.2019, 0.2554, 0.2534

Sweetspot

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



30.2034, 0.4070, 0.3675



81.0272, 0.3351, 0.3402



24.8379, 0.3497, 0.2559



16.8976, 0.3393, 0.3421



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



30.2034, 0.4070, 0.3675



48.1322, 0.4368, 0.3753



44.2275, 0.3833, 0.4190



10.6207, 0.3281, 0.3368



10.1960, 0.5849, 0.3738



0.5693, 0.5410, 0.4086

Inverse Universe

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



33.6154, 0.2476, 0.2860



55.0634, 0.2346, 0.2744



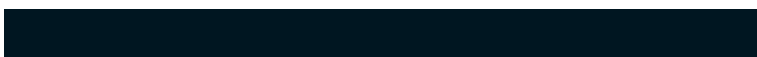
21.1814, 0.2363, 0.2187



10.8377, 0.2984, 0.3211



12.9658, 0.1934, 0.2160



0.6833, 0.2012, 0.2442

Previews

White Background



This preview shows how the Yxy color 30.2019, 0.4070, 0.3675 looks on a white background.

Color Contrast Check

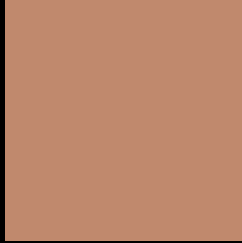
Large Text (above 18pt) WCAG AA × Fail

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 30.2019, 0.4070, 0.3675 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

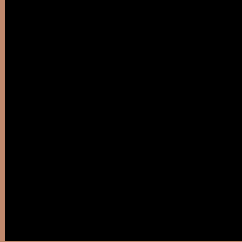
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.2019, 0.4070, 0.3675

Background



This preview shows how black text looks on a background with the Yxy color 30.2019, 0.4070, 0.3675.



This preview shows how white text looks on a background with the Yxy color 30.2019, 0.4070, 0.3675.

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

30.2019, 0.4070, 0.3675

Protanopia

30.2063, 0.3583, 0.3819

Deuteranopia

30.1926, 0.3887, 0.3799



Tritanopia

30.0576, 0.3743, 0.3157

Trichromacy



Original Color

30.2019, 0.4070, 0.3675

Protanomaly

30.2137, 0.3756, 0.3767

Deuteranomaly

30.1997, 0.3955, 0.3761

Tritanomaly

30.1312, 0.3865, 0.3347

Monochromacy



Original Color

30.2019, 0.4070, 0.3675

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

29.9994, 0.3444, 0.3442

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.2019, 0.4070, 0.3675 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(192, 137, 109)` looks like.

```
.text, #text, p{  
    color:rgb(192, 137, 109)  
}
```

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(192, 137, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 137, 109) }
```

Border

The CSS property to change the border of an element to Yxy 30.2019, 0.4070, 0.3675 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(192, 137, 109) }
```

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

```
.border{ border-color:rgb(192, 137, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 137, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(192, 137, 109); -webkit-box-shadow:4px 4px 4px 4px rgb(192, 137, 109); box-shadow:4px 4px 4px 4px rgb(192, 137, 109) }
```


Background

The CSS property to change the background color of an element to Yxy 30.2019, 0.4070, 0.3675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 137, 109) }
```

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

```
.background{ background-color: rgb(192,  
137, 109) }
```

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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