

Converting Colors

Yxy(30.7512, 0.4180, 0.4254)

Have a look what the booklet for
Yxy(30.7512, 0.4180, 0.4254)
contains.

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Color

Yxy(30.6773, 0.4182, 0.4247)

Conversions

Conversions Part 1

Format	Color
Hex	B3924D
RGB	179, 146, 77
RGB Percent	70%, 57%, 30%
CMY	0.2981, 0.4274, 0.6981
CMYK	0.00, 0.18, 0.57, 0.30
HSL	41°, 40%, 50%
HSV	41°, 57%, 70%
XYZ	30.2078, 30.6773, 11.3478
YIQ	148.0010, 41.8170, -14.4630

Conversions

Conversions Part 2

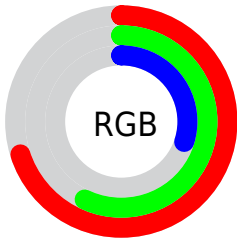
Format	Color
RYB	126, 179, 77
Decimal	11768397
CIELab	62.23, 4.00, 40.77
CIELCh	62, 40.963, 84.396
Yxy	30.6773, 0.4182, 0.4247
Android (android.graphics.Color)	4289958477 (0xFFB3924D)
YUV	148.0010, -35.0035, 27.1861
Hunter-Lab	55.3871, 0.4254, 26.6235

Details

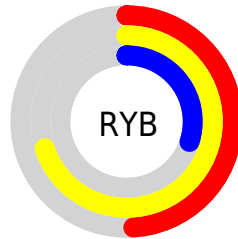
The Yxy color **30.6773, 0.4182, 0.4247** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **15.9786, 0.2161, 0.2059**, and the grayscale version is **29.7507, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.8716, 0.3981, 0.4075**, and **12.6605, 0.4470, 0.4505** is the 20% darker color. If you saturate the color by 10%, you get **28.7199, 0.4383, 0.4372**, and if you desaturate by 10%, it is **32.7976, 0.3976, 0.4095**.

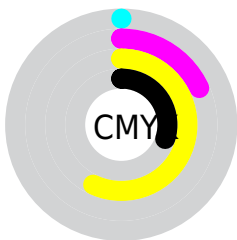
Distribution



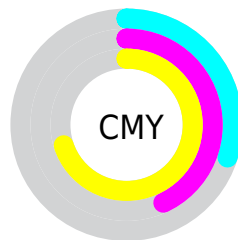
- Red (70%)
- Green (57%)
- Blue (30%)



- Red (49%)
- Yellow (70%)
- Blue (30%)



- Cyan (0%)
- Magenta (18%)
- Yellow (57%)
- Black (30%)




- Cyan (30%)
- Magenta (43%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.6773, 0.4182, 0.4247 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 30.6773, 0.4182, 0.4247 by changing the saturation by 10% instead.


 30.6773, 0.4182,
0.4247


 30.6773, 0.4182,
0.4247


305.0489, 0.3636,
0.3763


 20.3532, 0.4315,
0.4360


 60.7317, 0.3983,
0.4074

 12.6521, 0.4480,
0.4495


 81.2307, 0.3908,
0.4008

 7.1894, 0.4679,
0.4650


 105.8903, 0.3845,
0.3952

 3.5808, 0.5053,
0.4947

 135.0947, 0.3791,
0.3903

 1.4420, 0.5116,
0.4884

 169.2284, 0.3744,
0.3861

 0.2473, 0.5736,
0.4264

208.6757, 0.3703,

 0.0000, 0.0000,

0.3824

0.0000

253.8211, 0.3668,
0.3792

■ 30.6773, 0.4182,
0.4247

■ 30.6773, 0.4182,
0.4247

■ 28.7199, 0.4383,
0.4372

■ 32.7976, 0.3976,
0.4095

■ 26.9138, 0.4570,
0.4460

■ 35.0828, 0.3773,
0.3926

■ 25.2523, 0.4732,
0.4501

■ 37.5404, 0.3580,
0.3751

■ 23.7243, 0.4865,
0.4494

■ 40.1760, 0.3399,
0.3575

■ 23.2846, 0.4904,
0.4488

■ 42.9948, 0.3234,
0.3404

■ 46.0017, 0.3084,
0.3242

■ 49.2014, 0.2949,
0.3090

■ 52.5985, 0.2828,
0.2949

■ 56.1972, 0.2721,
0.2818

Harmonies

Analogous

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



30.6773, 0.4433, 0.3800



30.6773, 0.4182, 0.4247



30.6773, 0.3658, 0.4491

Triad

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



30.6773, 0.4182, 0.4247



30.6773, 0.2076, 0.3105



30.6773, 0.3124, 0.2478

Complementary

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



30.6773, 0.4182, 0.4247



15.9786, 0.2161, 0.2059

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.



30.6773, 0.2521, 0.2290



30.6773, 0.4182, 0.4247



30.6773, 0.1969, 0.2582

Square

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



30.6773, 0.4182, 0.4247



30.6773, 0.2446, 0.3787



30.6773, 0.2122, 0.2314



30.6773, 0.3795, 0.2835

Rectangle

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



30.6773, 0.4182, 0.4247



30.6773, 0.3235, 0.4443



30.6773, 0.2122, 0.2314



30.6773, 0.2907, 0.2394

Sweetspot

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



30.6788, 0.4182, 0.4247



71.8125, 0.3404, 0.3580



16.0368, 0.4229, 0.2813



15.6981, 0.3439, 0.3615



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.



30.6788, 0.4182, 0.4247



50.7180, 0.4425, 0.4395



40.4550, 0.3765, 0.4708



9.4340, 0.3271, 0.3444



16.5767, 0.4893, 0.4497



0.6219, 0.4655, 0.4686

Inverse Universe

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



15.9786, 0.2161, 0.2059



22.0348, 0.1965, 0.1747



10.9397, 0.2192, 0.1556



8.6640, 0.2985, 0.3132



4.5369, 0.1633, 0.1079



0.2514, 0.1798, 0.1671

Previews

White Background



This preview shows how the Yxy color 30.6773, 0.4182, 0.4247 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 30.6773, 0.4182, 0.4247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

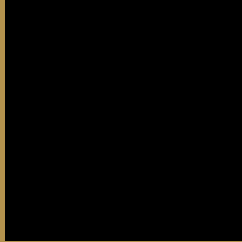
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.6773, 0.4182, 0.4247

Background



This preview shows how black text looks on a background with the Yxy color 30.6773, 0.4182, 0.4247.



This preview shows how white text looks on a background with the Yxy color 30.6773, 0.4182, 0.4247.

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

30.6773, 0.4182, 0.4247

Protanopia

30.8047, 0.3980, 0.4347

Deuteranopia

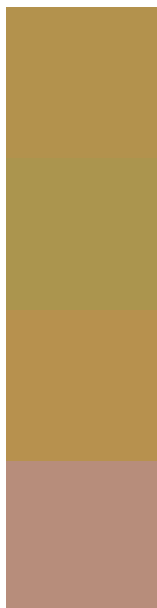
30.8109, 0.4256, 0.4182



Tritanopia

30.6612, 0.3533, 0.3138

Trichromacy



Original Color

30.6773, 0.4182, 0.4247

Protanomaly

30.7029, 0.4060, 0.4310

Deuteranomaly

30.8681, 0.4226, 0.4204

Tritanomaly

30.5471, 0.3790, 0.3548

Monochromacy



Original Color

30.6773, 0.4182, 0.4247

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

29.6435, 0.3507, 0.3681

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.6773, 0.4182, 0.4247 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(179, 146, 77)` looks like.

```
.text, #text, p{  
    color:rgb(179, 146, 77)  
}
```

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(179, 146, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 146, 77) }
```

Border

The CSS property to change the border of an element to Yxy 30.6773, 0.4182, 0.4247 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(179, 146, 77) }
```

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

```
.border{ border-color:rgb(179, 146, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 146, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 146, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 146, 77);  
box-shadow:4px 4px 4px 4px rgb(179, 146,  
77) }
```


Background

The CSS property to change the background color of an element to Yxy 30.6773, 0.4182, 0.4247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 146, 77) }
```

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

```
.background{ background-color: rgb(179,  
146, 77) }
```

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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