

Converting Colors

$Yxy(16.6826, 0.4864, 0.3419)$

Have a look what the booklet for
Yxy(16.6826, 0.4864, 0.3419)
contains.

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Color

Yxy(16.7482, 0.4863, 0.3414)

Conversions

Conversions Part 1

Format	Color
Hex	B7534A
RGB	183, 83, 74
RGB Percent	72%, 33%, 29%
CMY	0.2824, 0.6745, 0.7098
CMYK	0.00, 0.55, 0.60, 0.28
HSL	5°, 43%, 50%
HSV	5°, 60%, 72%
XYZ	23.8566, 16.7482, 8.4526
YIQ	111.8740, 62.4890, 18.4010

Conversions

Conversions Part 2

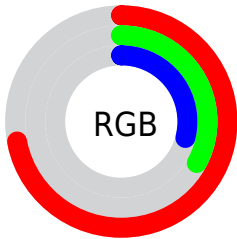
Format	Color
RYB	183, 84, 74
Decimal	12014410
CIELab	47.94, 39.79, 24.93
CIELCh	48, 46.953, 32.064
Yxy	16.7482, 0.4863, 0.3414
Android (android.graphics.Color)	4290204490 (0xFFB7534A)
YUV	111.8740, -18.6719, 62.3775
Hunter-Lab	40.9246, 32.4370, 16.4014

Details

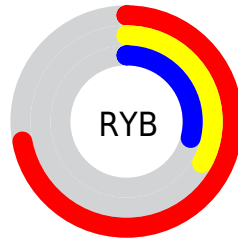
The Yxy color **16.7482, 0.4863, 0.3414** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **35.1374, 0.2370, 0.3142**, and the grayscale version is **16.2073, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.8127, 0.4454, 0.3423**, and **5.4337, 0.5596, 0.3311** is the 20% darker color. If you saturate the color by 10%, you get **14.2720, 0.5316, 0.3418**, and if you desaturate by 10%, it is **19.9198, 0.4439, 0.3400**.

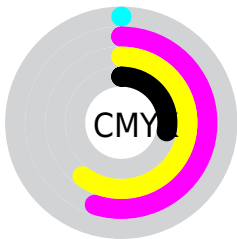
Distribution



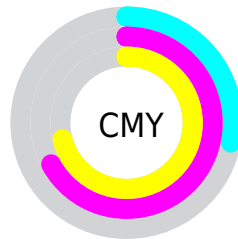
- Red (72%)
- Green (33%)
- Blue (29%)



- Red (72%)
- Yellow (33%)
- Blue (29%)



- Cyan (0%)
- Magenta (55%)
- Yellow (60%)
- Black (28%)





- Cyan (28%)
- Magenta (67%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 16.7482, 0.4863, 0.3414 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 16.7482, 0.4863, 0.3414 by changing the saturation by 10% instead.


 16.7482, 0.4863,
0.3414


 16.7482, 0.4863,
0.3414


233.7171, 0.3848,
0.3399


 10.0551, 0.5169,
0.3385


 37.8923, 0.4455,
0.3428


 5.4355, 0.5589,
0.3319

 53.1122, 0.4314,
0.3426

 2.5050, 0.6262,
0.3201

 71.9431, 0.4199,
0.3423

 0.8791, 0.7166,
0.2834

 94.7694, 0.4104,
0.3418

 0.0000, 1.0000,
0.0000

 121.9756, 0.4025,
0.3413

 0.0000, 0.0000,
0.0000

153.9460, 0.3957,

0.3409

191.0651, 0.3898,
0.3404

■ 16.7482, 0.4863,
0.3414

■ 16.7482, 0.4863,
0.3414

■ 14.2720, 0.5316,
0.3418

■ 19.9198, 0.4439,
0.3400

■ 12.4363, 0.5749,
0.3407

■ 23.8307, 0.4067,
0.3379

■ 11.1826, 0.6101,
0.3381

■ 28.5246, 0.3755,
0.3356

■ 10.4351, 0.6329,
0.3350

■ 34.0408, 0.3499,
0.3332

■ 10.4122, 0.6338,
0.3350

■ 40.4161, 0.3290,
0.3310

■ 47.6850, 0.3121,
0.3289

■ 55.8802, 0.2983,
0.3270

■ 65.0326, 0.2870,
0.3253

■ 75.1719, 0.2778,
0.3237

Harmonies

Analogous

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



16.7482, 0.4276, 0.2807



16.7482, 0.4863, 0.3414



16.7482, 0.4863, 0.4064

Triad

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



16.7482, 0.4863, 0.3414



16.7482, 0.2721, 0.4670



16.7482, 0.1890, 0.1952

Complementary

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



16.7482, 0.4863, 0.3414



35.1374, 0.2370, 0.3142

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.



16.7482, 0.1617, 0.2184



16.7482, 0.4863, 0.3414



16.7482, 0.2024, 0.3728

Square

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



16.7482, 0.4863, 0.3414



16.7482, 0.3577, 0.5002



16.7482, 0.1653, 0.2776



16.7482, 0.2476, 0.2009

Rectangle

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



16.7482, 0.4863, 0.3414



16.7482, 0.4571, 0.4485



16.7482, 0.1653, 0.2776



16.7482, 0.1765, 0.1994

Sweetspot

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



16.7491, 0.4863, 0.3414



62.3319, 0.3470, 0.3330



18.0871, 0.3283, 0.1994



13.0859, 0.3537, 0.3336



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.



16.7491, 0.4863, 0.3414



24.5984, 0.5433, 0.3417



28.1019, 0.4344, 0.4134



9.1284, 0.3286, 0.3310



7.3076, 0.6327, 0.3359



0.2980, 0.6059, 0.3571

Inverse Universe

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



35.1374, 0.2370, 0.3142



60.2733, 0.2278, 0.3107



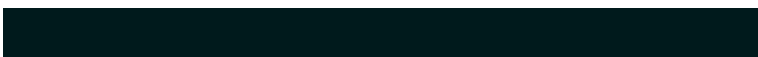
18.6043, 0.2164, 0.2208



10.0801, 0.2985, 0.3270



21.9345, 0.2176, 0.3033



0.8109, 0.2196, 0.3104

Previews

White Background



This preview shows how the Yxy color 16.7482, 0.4863, 0.3414 looks on a white 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

Black Background



This preview shows how the Yxy color 16.7482, 0.4863, 0.3414 looks on a black 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

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

Yxy 16.7482, 0.4863, 0.3414

Background



This preview shows how black text looks on a background with the Yxy color 16.7482, 0.4863, 0.3414.



This preview shows how white text looks on a background with the Yxy color 16.7482, 0.4863, 0.3414.

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

16.7482, 0.4863, 0.3414

Protanopia

16.8603, 0.3577, 0.3826

Deuteranopia

16.8559, 0.4091, 0.4011



Tritanopia

16.7633, 0.4684, 0.3214

Trichromacy



Original Color

16.7482, 0.4863, 0.3414

Protanomaly

16.2390, 0.4036, 0.3667

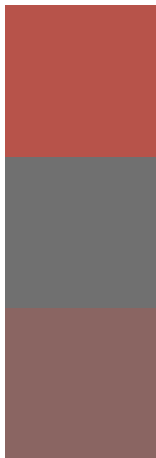
Deuteranomaly

16.5378, 0.4377, 0.3768

Tritanomaly

16.8341, 0.4758, 0.3295

Monochromacy



Original Color

16.7482, 0.4863, 0.3414

Achromatopsia

16.2029, 0.3127, 0.3290

Achromatomaly

15.5925, 0.3722, 0.3347

CSS Examples

Text

The CSS property to change the color of the text to Yxy 16.7482, 0.4863, 0.3414 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, 83, 74)` looks like.

```
.text, #text, p{  
    color:rgb(183, 83, 74)  
}
```

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, 83, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 83, 74) }
```

Border

The CSS property to change the border of an element to Yxy 16.7482, 0.4863, 0.3414 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, 83, 74) }
```

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

```
.border{ border-color:rgb(183, 83, 74) }
```

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

Here you see how a box with a 4 pixel rgb(183, 83, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 83, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 83, 74);  
box-shadow:4px 4px 4px 4px rgb(183, 83,  
74) }
```


Background

The CSS property to change the background color of an element to Yxy 16.7482, 0.4863, 0.3414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 83, 74) }
```

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

```
.background{ background-color: rgb(183, 83,  
74) }
```

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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