

Converting Colors

$Yxy(19.3087, 0.4730, 0.3472)$

Have a look what the booklet for
Yxy(19.3087, 0.4730, 0.3472)
contains.

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Color

Yxy(19.2760, 0.4728, 0.3480)

Conversions

Conversions Part 1

Format	Color
Hex	BC5E50
RGB	188, 94, 80
RGB Percent	74%, 37%, 31%
CMY	0.2628, 0.6313, 0.6863
CMYK	0.00, 0.50, 0.57, 0.26
HSL	8°, 45%, 53%
HSV	8°, 57%, 74%
XYZ	26.1888, 19.2760, 9.9260
YIQ	120.5100, 60.5180, 15.5740

Conversions

Conversions Part 2

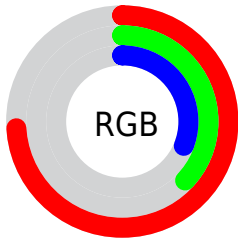
Format	Color
RYB	188, 96, 80
Decimal	12344912
CIELab	51.01, 36.53, 25.52
CIElCh	51, 44.560, 34.939
Yxy	19.2760, 0.4728, 0.3480
Android (android.graphics.Color)	4290534992 (0xFFBC5E50)
YUV	120.5100, -19.9714, 59.1887
Hunter-Lab	43.9044, 29.6416, 17.3287

Details

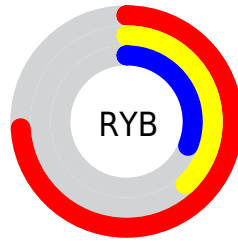
The Yxy color **19.2760, 0.4728, 0.3480** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **35.5959, 0.2370, 0.3066**, and the grayscale version is **19.0057, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.0992, 0.4371, 0.3475**, and **6.6685, 0.5364, 0.3436** is the 20% darker color. If you saturate the color by 10%, you get **16.4292, 0.5162, 0.3492**, and if you desaturate by 10%, it is **22.8191, 0.4329, 0.3454**.

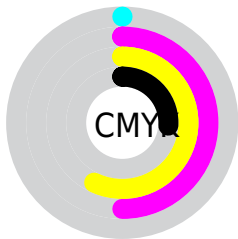
Distribution



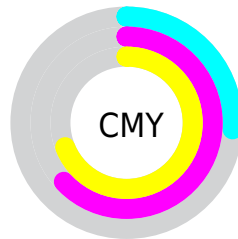
- Red (74%)
- Green (37%)
- Blue (31%)



- Red (74%)
- Yellow (38%)
- Blue (31%)



- Cyan (0%)
- Magenta (50%)
- Yellow (57%)
- Black (26%)





- Cyan (26%)
- Magenta (63%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.2760, 0.4728, 0.3480 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 19.2760, 0.4728, 0.3480 by changing the saturation by 10% instead.


 19.2760, 0.4728,
0.3480


 19.2760, 0.4728,
0.3480


247.9682, 0.3809,
0.3422


 11.8699, 0.4998,
0.3469


 42.2000, 0.4364,
0.3474


 6.6551, 0.5365,
0.3433


 58.4866, 0.4236,
0.3467

 3.2474, 0.5891,
0.3339

 78.5022, 0.4132,
0.3459

 1.2622, 0.6831,
0.3169

 102.6311, 0.4045,
0.3451

 0.1117, 0.9003,
0.0997

 131.2578, 0.3972,
0.3443

 0.0000, 0.0000,
0.0000

164.7666, 0.3910,

0.3436

203.5419, 0.3856,
0.3429

■ 19.2760, 0.4728,
0.3480

■ 19.2760, 0.4728,
0.3480

■ 16.4292, 0.5162,
0.3492

■ 22.8191, 0.4329,
0.3454

■ 14.2298, 0.5594,
0.3484

■ 27.0971, 0.3981,
0.3421

■ 12.6270, 0.5967,
0.3451

■ 32.1497, 0.3689,
0.3385

■ 11.5596, 0.6233,
0.3399

■ 38.0124, 0.3448,
0.3348

■ 11.3615, 0.6287,
0.3390

■ 44.7189, 0.3251,
0.3314

■ 52.3007, 0.3089,
0.3282

■ 60.7878, 0.2957,
0.3253

■ 70.2088, 0.2848,
0.3226

■ 80.5910, 0.2757,
0.3203

Harmonies

Analogous

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



19.2760, 0.4239, 0.2904



19.2760, 0.4728, 0.3480



19.2760, 0.4692, 0.4083

Triad

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



19.2760, 0.4728, 0.3480



19.2760, 0.2698, 0.4459



19.2760, 0.2028, 0.2050

Complementary

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



19.2760, 0.4728, 0.3480



35.5959, 0.2370, 0.3066

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.



19.2760, 0.1743, 0.2247



19.2760, 0.4728, 0.3480



19.2760, 0.2075, 0.3601

Square

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



19.2760, 0.4728, 0.3480



19.2760, 0.3482, 0.4835



19.2760, 0.1753, 0.2766



19.2760, 0.2603, 0.2124

Rectangle

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



19.2760, 0.4728, 0.3480



19.2760, 0.4411, 0.4456



19.2760, 0.1753, 0.2766



19.2760, 0.1900, 0.2083

Sweetspot

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



19.2770, 0.4728, 0.3480



69.0964, 0.3444, 0.3348



19.5364, 0.3346, 0.2083



14.3738, 0.3489, 0.3355



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.



19.2770, 0.4728, 0.3480



28.5992, 0.5280, 0.3492



32.0106, 0.4249, 0.4178



9.7308, 0.3285, 0.3320



7.7985, 0.6272, 0.3402



0.3714, 0.5916, 0.3685

Inverse Universe

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



35.5959, 0.2370, 0.3066



60.8150, 0.2264, 0.3009



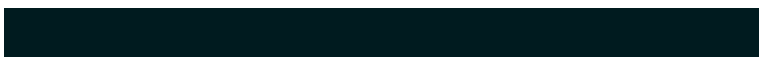
19.1046, 0.2174, 0.2156



10.5924, 0.2985, 0.3259



20.5253, 0.2133, 0.2879



0.8637, 0.2163, 0.2987

Previews

White Background



This preview shows how the Yxy color 19.2760, 0.4728, 0.3480 looks on a white background.

Color Contrast Check

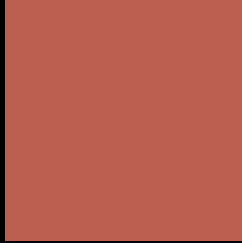
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Yxy color 19.2760, 0.4728, 0.3480 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 × Fail

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

Yxy 19.2760, 0.4728, 0.3480

Background



This preview shows how black text looks on a background with the Yxy color 19.2760, 0.4728, 0.3480.



This preview shows how white text looks on a background with the Yxy color 19.2760, 0.4728, 0.3480.

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

19.2760, 0.4728, 0.3480

Protanopia

19.5171, 0.3600, 0.3850

Deuteranopia

19.4474, 0.4045, 0.3993



Tritanopia

19.1828, 0.4492, 0.3200

Trichromacy



Original Color

19.2760, 0.4728, 0.3480

Protanomaly

18.9683, 0.3998, 0.3699

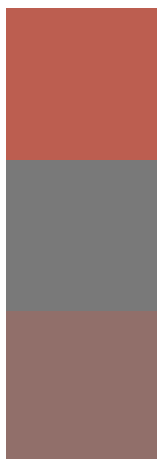
Deuteranomaly

19.1545, 0.4304, 0.3798

Tritanomaly

19.2284, 0.4593, 0.3308

Monochromacy



Original Color

19.2760, 0.4728, 0.3480

Achromatopsia

19.1202, 0.3127, 0.3290

Achromatomaly

18.4292, 0.3661, 0.3379

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.2760, 0.4728, 0.3480 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(188, 94, 80)` looks like.

```
.text, #text, p{  
    color:rgb(188, 94, 80)  
}
```

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(188, 94, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 94, 80) }
```

Border

The CSS property to change the border of an element to Yxy 19.2760, 0.4728, 0.3480 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(188, 94, 80) }
```

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

```
.border{ border-color:rgb(188, 94, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 94, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 94, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 94, 80);  
box-shadow:4px 4px 4px 4px rgb(188, 94,  
80) }
```


Background

The CSS property to change the background color of an element to Yxy 19.2760, 0.4728, 0.3480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 94, 80) }
```

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

```
.background{ background-color: rgb(188, 94,  
80) }
```

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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