

Converting Colors

$Y_{xy}(15.5010, 0.4924, 0.3262)$

Have a look what the booklet for
Yxy(15.5010, 0.4924, 0.3262)
contains.

Yxy(15.6097, 0.4927, 0.3270)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(15.6097, 0.4927, 0.3270)

Conversions

Conversions Part 1

Format	Color
Hex	B84A4C
RGB	184, 74, 76
RGB Percent	72%, 29%, 30%
CMY	0.2784, 0.7098, 0.7020
CMYK	0.00, 0.60, 0.59, 0.28
HSL	359°, 44%, 51%
HSV	359°, 60%, 72%
XYZ	23.5196, 15.6097, 8.6068
YIQ	107.1180, 64.9180, 23.9420

Conversions

Conversions Part 2

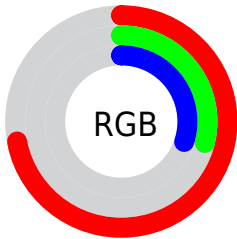
Format	Color
RYB	184, 74, 76
Decimal	12077644
CIELab	46.46, 44.69, 21.85
CIElCh	46, 49.747, 26.058
Yxy	15.6097, 0.4927, 0.3270
Android (android.graphics.Color)	4290267724 (0xFFB84A4C)
YUV	107.1180, -15.3412, 67.4255
Hunter-Lab	39.5091, 37.1192, 14.7404

Details

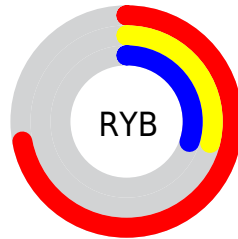
The Yxy color **15.6097, 0.4927, 0.3270** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **39.1151, 0.2411, 0.3319**, and the grayscale version is **14.7679, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.8925, 0.4489, 0.3315**, and **4.8652, 0.5710, 0.3115** is the 20% darker color. If you saturate the color by 10%, you get **13.2854, 0.5399, 0.3272**, and if you desaturate by 10%, it is **18.7247, 0.4481, 0.3271**.

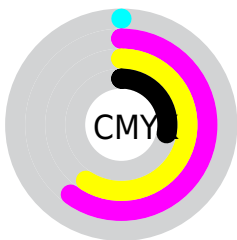
Distribution



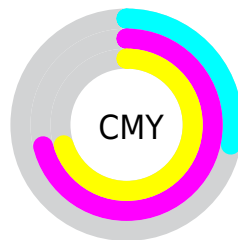
- Red (72%)
- Green (29%)
- Blue (30%)



- Red (72%)
- Yellow (29%)
- Blue (30%)



- Cyan (0%)
- Magenta (60%)
- Yellow (59%)
- Black (28%)




- Cyan (28%)
- Magenta (71%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.6097, 0.4927, 0.3270 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 15.6097, 0.4927, 0.3270 by changing the saturation by 10% instead.


 15.6097, 0.4927,
0.3270

 15.6097, 0.4927,
0.3270


227.0275, 0.3863,
0.3337


 9.2484, 0.5254,
0.3218


 35.9193, 0.4496,
0.3316


 4.9036, 0.5709,
0.3119

 50.6364, 0.4348,
0.3326

 2.1908, 0.6438,
0.2949

 68.9075, 0.4228,
0.3331

 0.7150, 0.7508,
0.2492

 91.1170, 0.4129,
0.3335

 0.0000, 1.0000,
0.0000

 117.6494, 0.4046,
0.3336

 0.0000, 0.0000,
0.0000

148.8890, 0.3976,

0.3337

185.2202, 0.3916,
0.3337

■ 15.6097, 0.4927,
0.3270

■ 15.6097, 0.4927,
0.3270

■ 13.2854, 0.5399,
0.3272

■ 18.7247, 0.4481,
0.3271

■ 11.6785, 0.5840,
0.3276

■ 22.6901, 0.4093,
0.3274

■ 10.7065, 0.6178,
0.3284

■ 27.5628, 0.3768,
0.3278

■ 10.2071, 0.6378,
0.3289

■ 33.3940, 0.3505,
0.3282

■ 10.1973, 0.6382,
0.3289

■ 40.2313, 0.3293,
0.3286

■ 48.1189, 0.3124,
0.3290

■ 57.0985, 0.2988,
0.3294

■ 67.2095, 0.2878,
0.3297

■ 78.4893, 0.2789,
0.3300

Harmonies

Analogous

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



15.6097, 0.4183, 0.2649



15.6097, 0.4927, 0.3270



15.6097, 0.5041, 0.3950

Triad

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



15.6097, 0.4927, 0.3270



15.6097, 0.2854, 0.4946



15.6097, 0.1723, 0.1883

Complementary

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



15.6097, 0.4927, 0.3270



39.1151, 0.2411, 0.3319

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.



15.6097, 0.1501, 0.2189



15.6097, 0.4927, 0.3270



15.6097, 0.2060, 0.3993

Square

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



15.6097, 0.4927, 0.3270



15.6097, 0.3771, 0.5114



15.6097, 0.1600, 0.2901



15.6097, 0.2272, 0.1892

Rectangle

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



15.6097, 0.4927, 0.3270



15.6097, 0.4780, 0.4413



15.6097, 0.1600, 0.2901



15.6097, 0.1614, 0.1947

Sweetspot

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



15.6106, 0.4927, 0.3270



62.2492, 0.3471, 0.3283



18.1027, 0.3146, 0.1898



12.7035, 0.3539, 0.3281



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.



15.6106, 0.4927, 0.3270



22.9457, 0.5557, 0.3273



25.4376, 0.4454, 0.3993



9.0148, 0.3285, 0.3286



7.0292, 0.6377, 0.3287



0.2487, 0.6284, 0.3235

Inverse Universe

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



15.6106, 0.4927, 0.3270



22.9457, 0.5557, 0.3273



21.6018, 0.2205, 0.2403



9.0148, 0.3285, 0.3286



7.0292, 0.6377, 0.3287



0.2487, 0.6284, 0.3235

Previews

White Background



This preview shows how the Yxy color 15.6097, 0.4927, 0.3270 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 15.6097, 0.4927, 0.3270 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 15.6097, 0.4927, 0.3270

Background



This preview shows how black text looks on a background with the Yxy color 15.6097, 0.4927, 0.3270.



This preview shows how white text looks on a background with the Yxy color 15.6097, 0.4927, 0.3270.

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

15.6097, 0.4927, 0.3270

Protanopia

15.7065, 0.3458, 0.3659

Deuteranopia

15.7495, 0.4004, 0.3950



Tritanopia

15.6380, 0.4893, 0.3244

Trichromacy



Original Color

15.6097, 0.4927, 0.3270

Protanomaly

14.8840, 0.3976, 0.3493

Deuteranomaly

15.1618, 0.4365, 0.3646

Tritanomaly

15.6237, 0.4910, 0.3257

Monochromacy



Original Color

15.6097, 0.4927, 0.3270

Achromatopsia

14.7027, 0.3127, 0.3290

Achromatomaly

14.1798, 0.3738, 0.3273

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.6097, 0.4927, 0.3270 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(184, 74, 76)` looks like.

```
.text, #text, p{  
    color:rgb(184, 74, 76)  
}
```

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(184, 74, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 74, 76) }
```

Border

The CSS property to change the border of an element to Yxy 15.6097, 0.4927, 0.3270 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(184, 74, 76) }
```

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

```
.border{ border-color:rgb(184, 74, 76) }
```

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

Here you see how a box with a 4 pixel rgb(184, 74, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 74, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 74, 76);  
box-shadow:4px 4px 4px 4px rgb(184, 74,  
76) }
```


Background

The CSS property to change the background color of an element to Yxy 15.6097, 0.4927, 0.3270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 74, 76) }
```

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

```
.background{ background-color: rgb(184, 74,  
76) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor