

Converting Colors

$Yxy(14.8519, 0.4784, 0.3236)$

Have a look what the booklet for
Yxy(14.8519, 0.4784, 0.3236)
contains.

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Color

Yxy(14.9438, 0.4783, 0.3240)

Conversions

Conversions Part 1

Format	Color
Hex	B14B4F
RGB	177, 75, 79
RGB Percent	69%, 29%, 31%
CMY	0.3058, 0.7059, 0.6902
CMYK	0.00, 0.58, 0.55, 0.31
HSL	358°, 40%, 49%
HSV	358°, 58%, 69%
XYZ	22.0606, 14.9438, 9.1185
YIQ	105.9540, 59.5080, 22.8680

Conversions

Conversions Part 2

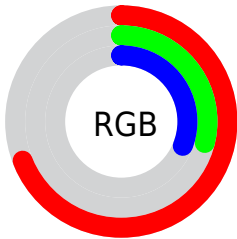
Format	Color
RYB	177, 75, 79
Decimal	11619151
CIELab	45.56, 41.94, 18.63
CIElCh	46, 45.896, 23.950
Yxy	14.9438, 0.4783, 0.3240
Android (android.graphics.Color)	4289809231 (0xFFB14B4F)
YUV	105.9540, -13.2883, 62.3073
Hunter-Lab	38.6572, 34.2147, 13.0747

Details

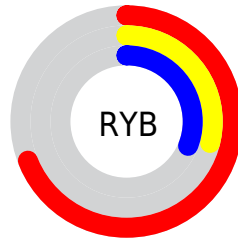
The Yxy color **14.9438, 0.4783, 0.3240** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **35.9615, 0.2440, 0.3354**, and the grayscale version is **14.4248, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.7418, 0.4385, 0.3283**, and **4.5796, 0.5526, 0.3094** is the 20% darker color. If you saturate the color by 10%, you get **12.6517, 0.5245, 0.3240**, and if you desaturate by 10%, it is **17.9688, 0.4359, 0.3245**.

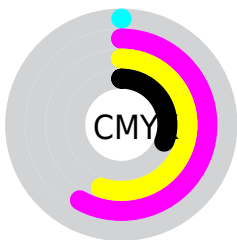
Distribution



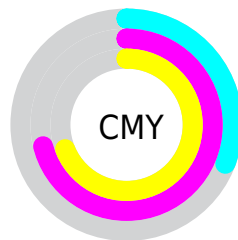
- Red (69%)
- Green (29%)
- Blue (31%)



- Red (69%)
- Yellow (29%)
- Blue (31%)



- Cyan (0%)
- Magenta (58%)
- Yellow (55%)
- Black (31%)





- Cyan (31%)
- Magenta (71%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.9438, 0.4783, 0.3240 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 14.9438, 0.4783, 0.3240 by changing the saturation by 10% instead.


 14.9438, 0.4783,
0.3240


 14.9438, 0.4783,
0.3240


223.0258, 0.3796,
0.3314


 8.7800, 0.5094,
0.3191


 34.7546, 0.4379,
0.3285


 4.5979, 0.5535,
0.3098

 49.1703, 0.4242,
0.3296


 2.0133, 0.6237,
0.2930

 67.1054, 0.4131,
0.3303

 0.6152, 0.7520,
0.2480

 88.9443, 0.4040,
0.3307

 0.0000, 1.0000,
0.0000

 115.0714, 0.3964,
0.3310

 0.0000, 0.0000,
0.0000

145.8711, 0.3899,

0.3312

181.7277, 0.3844,
0.3313

■ 14.9438, 0.4783,
0.3240

■ 14.9438, 0.4783,
0.3240

■ 12.6517, 0.5245,
0.3240

■ 17.9688, 0.4359,
0.3245

■ 11.0281, 0.5697,
0.3246

■ 21.7791, 0.3994,
0.3254

■ 10.0018, 0.6073,
0.3260

■ 26.4251, 0.3692,
0.3263

■ 9.4634, 0.6315,
0.3276

■ 31.9523, 0.3447,
0.3273

■ 9.3635, 0.6357,
0.3276

■ 38.4030, 0.3251,
0.3283

■ 45.8167, 0.3093,
0.3292

■ 54.2306, 0.2966,
0.3300

■ 63.6799, 0.2863,
0.3308

■ 74.1983, 0.2779,
0.3315

Harmonies

Analogous

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



14.9438, 0.4054, 0.2649



14.9438, 0.4783, 0.3240



14.9438, 0.4945, 0.3890

Triad

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



14.9438, 0.4783, 0.3240



14.9438, 0.2942, 0.4864



14.9438, 0.1769, 0.1967

Complementary

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



14.9438, 0.4783, 0.3240



35.9615, 0.2440, 0.3354

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.



14.9438, 0.1578, 0.2291



14.9438, 0.4783, 0.3240



14.9438, 0.2170, 0.4022

Square

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



14.9438, 0.4783, 0.3240



14.9438, 0.3811, 0.4988



14.9438, 0.1700, 0.2998



14.9438, 0.2275, 0.1952

Rectangle

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



14.9438, 0.4783, 0.3240



14.9438, 0.4732, 0.4328



14.9438, 0.1700, 0.2998



14.9438, 0.1671, 0.2037

Sweetspot

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



14.9446, 0.4783, 0.3240



57.5842, 0.3440, 0.3274



16.9670, 0.3124, 0.1932



12.0326, 0.3483, 0.3272



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



14.9446, 0.4783, 0.3240



21.8062, 0.5363, 0.3241



23.5075, 0.4405, 0.3948



8.5105, 0.3281, 0.3281



6.7855, 0.6349, 0.3271



0.2153, 0.6138, 0.3155

Inverse Universe

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



14.9446, 0.4783, 0.3240



21.8062, 0.5363, 0.3241



20.9312, 0.2244, 0.2476



8.5105, 0.3281, 0.3281



6.7855, 0.6349, 0.3271



0.2153, 0.6138, 0.3155

Previews

White Background



This preview shows how the Yxy color 14.9438, 0.4783, 0.3240 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



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

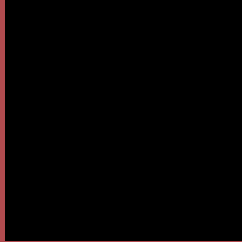
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.9438, 0.4783, 0.3240

Background



This preview shows how black text looks on a background with the Yxy color 14.9438, 0.4783, 0.3240.



This preview shows how white text looks on a background with the Yxy color 14.9438, 0.4783, 0.3240.

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

14.9438, 0.4783, 0.3240

Protanopia

15.1107, 0.3395, 0.3582

Deuteranopia

15.1409, 0.3934, 0.3870



Tritanopia

14.9585, 0.4765, 0.3226

Trichromacy



Original Color

14.9438, 0.4783, 0.3240

Protanomaly

14.4054, 0.3874, 0.3423

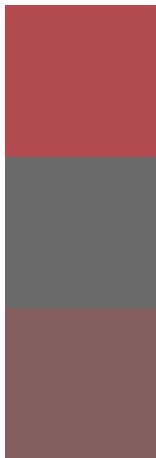
Deuteranomaly

14.5535, 0.4255, 0.3590

Tritanomaly

14.9585, 0.4765, 0.3226

Monochromacy



Original Color

14.9438, 0.4783, 0.3240

Achromatopsia

14.4128, 0.3127, 0.3290

Achromatomaly

13.9345, 0.3692, 0.3272

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.9438, 0.4783, 0.3240 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(177, 75, 79)` looks like.

```
.text, #text, p{  
    color:rgb(177, 75, 79)  
}
```

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(177, 75, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 75, 79) }
```

Border

The CSS property to change the border of an element to Yxy 14.9438, 0.4783, 0.3240 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(177, 75, 79) }
```

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

```
.border{ border-color:rgb(177, 75, 79) }
```

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

Here you see how a box with a 4 pixel rgb(177, 75, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 75, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 75, 79);  
box-shadow:4px 4px 4px 4px rgb(177, 75,  
79) }
```


Background

The CSS property to change the background color of an element to Yxy 14.9438, 0.4783, 0.3240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 75, 79) }
```

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

```
.background{ background-color: rgb(177, 75,  
79) }
```

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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