

Converting Colors

$Y_{xy}(14.8664, 0.4783, 0.3175)$

Have a look what the booklet for
Yxy(14.8664, 0.4783, 0.3175)
contains.

Yxy(14.9429, 0.4790, 0.3187)	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(14.9429, 0.4790, 0.3187)

Conversions

Conversions Part 1

Format	Color
Hex	B34951
RGB	179, 73, 81
RGB Percent	70%, 29%, 32%
CMY	0.2980, 0.7137, 0.6823
CMYK	0.00, 0.59, 0.55, 0.30
HSL	355°, 42%, 49%
HSV	355°, 59%, 70%
XYZ	22.4589, 14.9429, 9.4852
YIQ	105.6060, 60.6080, 24.9600

Conversions

Conversions Part 2

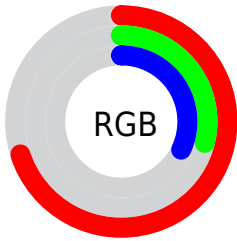
Format	Color
R _Y B	179, 73, 81
Decimal	11749713
CIE Lab	45.56, 43.79, 17.47
CIE LCh	46, 47.145, 21.752
Yxy	14.9429, 0.4790, 0.3187
Android (android.graphics.Color)	4289939793 (0xFFB34951)
YUV	105.6060, -12.1308, 64.3665
Hunter-Lab	38.6560, 36.0592, 12.5109

Details

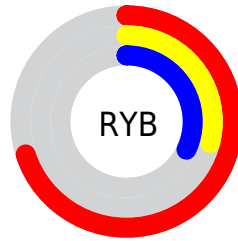
The Yxy color **14.9429, 0.4790, 0.3187** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **36.5988, 0.2450, 0.3419**, and the grayscale version is **14.3216, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.8841, 0.4387, 0.3250**, and **4.5994, 0.5534, 0.3023** is the 20% darker color. If you saturate the color by 10%, you get **12.7016, 0.5242, 0.3186**, and if you desaturate by 10%, it is **17.9232, 0.4373, 0.3198**.

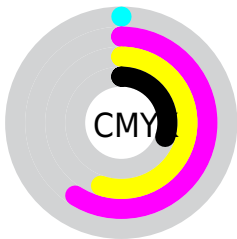
Distribution



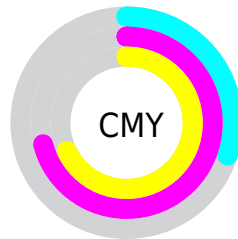
- Red (70%)
- Green (29%)
- Blue (32%)



- Red (70%)
- Yellow (29%)
- Blue (32%)



- Cyan (0%)
- Magenta (59%)
- Yellow (55%)
- Black (30%)





- Cyan (30%)
- Magenta (71%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.9429, 0.4790, 0.3187 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 14.9429, 0.4790, 0.3187 by changing the saturation by 10% instead.


 14.9429, 0.4790,
0.3187


 14.9429, 0.4790,
0.3187


223.0204, 0.3799,
0.3290


 8.7793, 0.5103,
0.3130


 34.7530, 0.4384,
0.3244


 4.5975, 0.5547,
0.3028

 49.1683, 0.4246,
0.3258


 2.0131, 0.6237,
0.2841

 67.1029, 0.4135,
0.3268

 0.6151, 0.7595,
0.2405

 88.9413, 0.4044,
0.3276

 0.0000, 1.0000,
0.0000

 115.0679, 0.3968,
0.3281

 0.0000, 0.0000,
0.0000

145.8670, 0.3903,

0.3285

181.7230, 0.3847,
0.3288

■ 14.9429, 0.4790,
0.3187

■ 14.9429, 0.4790,
0.3187

■ 12.7016, 0.5242,
0.3186

■ 17.9232, 0.4373,
0.3198

■ 11.1325, 0.5685,
0.3198

■ 21.6968, 0.4013,
0.3215

■ 10.1610, 0.6054,
0.3224

■ 26.3158, 0.3713,
0.3234

■ 9.6485, 0.6302,
0.3253

■ 31.8271, 0.3470,
0.3254

■ 9.6145, 0.6317,
0.3253

■ 38.2743, 0.3274,
0.3273

■ 45.6980, 0.3116,
0.3291

■ 54.1364, 0.2989,
0.3308

■ 63.6258, 0.2886,
0.3323

■ 74.2006, 0.2802,
0.3337

Harmonies

Analogous

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



14.9429, 0.4008, 0.2594



14.9429, 0.4790, 0.3187



14.9429, 0.4999, 0.3845

Triad

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



14.9429, 0.4790, 0.3187



14.9429, 0.2997, 0.4949



14.9429, 0.1715, 0.1950

Complementary

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



14.9429, 0.4790, 0.3187



36.5988, 0.2450, 0.3419

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.



14.9429, 0.1543, 0.2303



14.9429, 0.4790, 0.3187



14.9429, 0.2193, 0.4123

Square

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



14.9429, 0.4790, 0.3187



14.9429, 0.3883, 0.5011



14.9429, 0.1690, 0.3055



14.9429, 0.2205, 0.1916

Rectangle

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



14.9429, 0.4790, 0.3187



14.9429, 0.4802, 0.4295



14.9429, 0.1690, 0.3055



14.9429, 0.1624, 0.2028

Sweetspot

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



14.9437, 0.4790, 0.3187



57.9825, 0.3450, 0.3256



16.5853, 0.3079, 0.1882



12.1678, 0.3514, 0.3250



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.



14.9437, 0.4790, 0.3187



21.7887, 0.5378, 0.3188



22.8274, 0.4487, 0.3913



8.5153, 0.3276, 0.3273



6.7977, 0.6302, 0.3245



0.2173, 0.5920, 0.3035

Inverse Universe

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



14.9437, 0.4790, 0.3187



21.7887, 0.5378, 0.3188



21.9538, 0.2236, 0.2514



8.5153, 0.3276, 0.3273



6.7977, 0.6302, 0.3245



0.2173, 0.5920, 0.3035

Previews

White Background



This preview shows how the Yxy color 14.9429, 0.4790, 0.3187 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 14.9429, 0.4790, 0.3187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

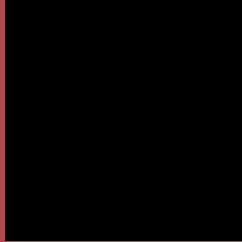
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.9429, 0.4790, 0.3187

Background



This preview shows how black text looks on a background with the Yxy color 14.9429, 0.4790, 0.3187.



This preview shows how white text looks on a background with the Yxy color 14.9429, 0.4790, 0.3187.

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

14.9429, 0.4790, 0.3187

Protanopia

15.0989, 0.3341, 0.3520

Deuteranopia

15.0896, 0.3891, 0.3836



Tritanopia

14.8989, 0.4842, 0.3228

Trichromacy



Original Color

14.9429, 0.4790, 0.3187

Protanomaly

14.2581, 0.3849, 0.3367

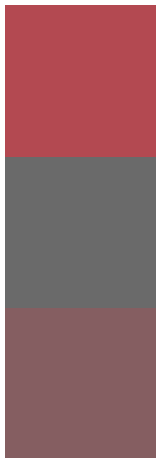
Deuteranomaly

14.5818, 0.4224, 0.3555

Tritanomaly

14.9133, 0.4825, 0.3215

Monochromacy



Original Color

14.9429, 0.4790, 0.3187

Achromatopsia

14.4128, 0.3127, 0.3290

Achromatomaly

13.8550, 0.3696, 0.3234

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.9429, 0.4790, 0.3187 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, 73, 81)` looks like.

```
.text, #text, p{  
    color:rgb(179, 73, 81)  
}
```

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, 73, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 73, 81) }
```

Border

The CSS property to change the border of an element to Yxy 14.9429, 0.4790, 0.3187 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, 73, 81) }
```

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

```
.border{ border-color:rgb(179, 73, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 73, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 73, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 73, 81);  
box-shadow:4px 4px 4px 4px rgb(179, 73,  
81) }
```


Background

The CSS property to change the background color of an element to Yxy 14.9429, 0.4790, 0.3187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 73, 81) }
```

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

```
.background{ background-color: rgb(179, 73,  
81) }
```

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