

Converting Colors

$Yxy(15.2149, 0.4926, 0.3389)$

Have a look what the booklet for
Yxy(15.2149, 0.4926, 0.3389)
contains.

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Color

Yxy(15.2149, 0.4926, 0.3389)

Conversions

Conversions Part 1

Format	Color
Hex	B24D46
RGB	178, 77, 70
RGB Percent	70%, 30%, 27%
CMY	0.3021, 0.6979, 0.7255
CMYK	0.00, 0.57, 0.61, 0.30
HSL	4°, 44%, 49%
HSV	4°, 61%, 70%
XYZ	22.1153, 15.2149, 7.5648
YIQ	106.4010, 62.4430, 19.2350

Conversions

Conversions Part 2

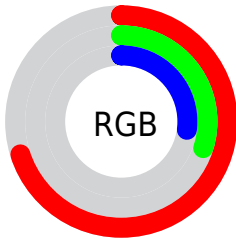
Format	Color
RYB	178, 77, 70
Decimal	11685190
CIELab	45.93, 40.60, 24.55
CIELCh	46, 47.449, 31.160
Yxy	15.2149, 0.4926, 0.3389
Android (android.graphics.Color)	4289875270 (0xFFB24D46)
YUV	106.4010, -17.9457, 62.7923
Hunter-Lab	39.0063, 32.9425, 15.8058

Details

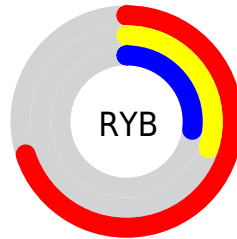
The Yxy color **15.2149, 0.4926, 0.3389** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **33.6205, 0.2369, 0.3172**, and the grayscale version is **14.5684, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.1857, 0.4501, 0.3414**, and **4.7209, 0.5722, 0.3271** is the 20% darker color. If you saturate the color by 10%, you get **12.9843, 0.5384, 0.3391**, and if you desaturate by 10%, it is **18.1093, 0.4492, 0.3378**.

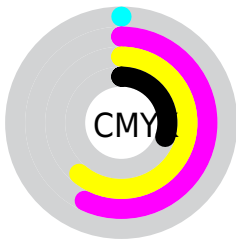
Distribution



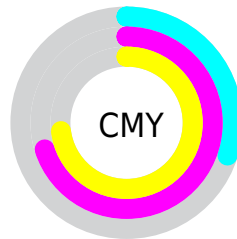
- Red (70%)
- Green (30%)
- Blue (27%)



- Red (70%)
- Yellow (30%)
- Blue (27%)



- Cyan (0%)
- Magenta (57%)
- Yellow (61%)
- Black (30%)




- Cyan (30%)
- Magenta (70%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.2149, 0.4926, 0.3389 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 15.2149, 0.4926, 0.3389 by changing the saturation by 10% instead.


 15.2149, 0.4926,
0.3389


 15.2149, 0.4926,
0.3389


224.6633, 0.3861,
0.3391


 8.9703, 0.5253,
0.3352

 35.2297, 0.4494,
0.3411


 4.7218, 0.5706,
0.3269

 49.7688, 0.4346,
0.3412


 2.0850, 0.6529,
0.3163

 67.8415, 0.4226,
0.3410

 0.6562, 0.7408,
0.2592

 89.8322, 0.4127,
0.3407

 0.0000, 1.0000,
0.0000

 116.1254, 0.4044,
0.3403

 0.0000, 0.0000,
0.0000

147.1054, 0.3973,

0.3399

183.1565, 0.3913,
0.3395

■ 15.2149, 0.4926,
0.3389

■ 15.2149, 0.4926,
0.3389

■ 12.9843, 0.5384,
0.3391

■ 18.1093, 0.4492,
0.3378

■ 11.3626, 0.5814,
0.3381

■ 21.7119, 0.4111,
0.3362

■ 10.2903, 0.6150,
0.3358

■ 26.0660, 0.3789,
0.3344

■ 9.7151, 0.6351,
0.3339

■ 31.2108, 0.3525,
0.3326

■ 37.1829, 0.3311,
0.3308

■ 44.0165, 0.3138,
0.3291

■ 51.7438, 0.2997,
0.3276

■ 60.3955, 0.2882,
0.3262

■ 70.0007, 0.2789,
0.3250

Harmonies

Analogous

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



15.2149, 0.4298, 0.2768



15.2149, 0.4926, 0.3389



15.2149, 0.4936, 0.4058

Triad

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



15.2149, 0.4926, 0.3389



15.2149, 0.2724, 0.4762



15.2149, 0.1833, 0.1908

Complementary

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



15.2149, 0.4926, 0.3389



33.6205, 0.2369, 0.3172

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.



15.2149, 0.1563, 0.2152



15.2149, 0.4926, 0.3389



15.2149, 0.1996, 0.3778

Square

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



15.2149, 0.4926, 0.3389



15.2149, 0.3611, 0.5074



15.2149, 0.1607, 0.2774



15.2149, 0.2426, 0.1960

Rectangle

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



15.2149, 0.4926, 0.3389



15.2149, 0.4636, 0.4499



15.2149, 0.1607, 0.2774



15.2149, 0.1708, 0.1953

Sweetspot

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



15.2157, 0.4926, 0.3389



59.0343, 0.3471, 0.3321



16.8427, 0.3262, 0.1959



12.4259, 0.3538, 0.3327



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.



15.2157, 0.4926, 0.3389



22.3745, 0.5545, 0.3389



25.7064, 0.4386, 0.4121



8.5912, 0.3285, 0.3305



6.9886, 0.6342, 0.3346



0.2491, 0.6111, 0.3530

Inverse Universe

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



33.6205, 0.2369, 0.3172



58.5984, 0.2277, 0.3142



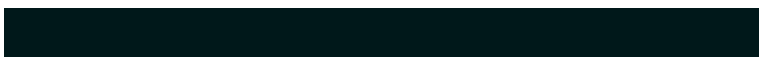
17.6109, 0.2157, 0.2220



9.5349, 0.2986, 0.3275



21.9564, 0.2191, 0.3089



0.7190, 0.2208, 0.3149

Previews

White Background



This preview shows how the Yxy color 15.2149, 0.4926, 0.3389 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 15.2149, 0.4926, 0.3389 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

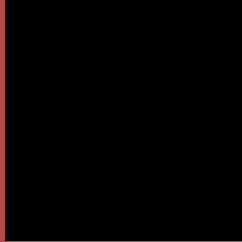
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.2149, 0.4926, 0.3389

Background



This preview shows how black text looks on a background with the Yxy color 15.2149, 0.4926, 0.3389.



This preview shows how white text looks on a background with the Yxy color 15.2149, 0.4926, 0.3389.

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

15.2149, 0.4926, 0.3389

Protanopia

15.3437, 0.3583, 0.3827

Deuteranopia

15.2688, 0.4102, 0.4021



Tritanopia

15.1950, 0.4790, 0.3227

Trichromacy



Original Color

15.2149, 0.4926, 0.3389

Protanomaly

14.5884, 0.4069, 0.3643

Deuteranomaly

14.8002, 0.4412, 0.3751

Tritanomaly

15.2744, 0.4849, 0.3295

Monochromacy



Original Color

15.2149, 0.4926, 0.3389

Achromatopsia

14.4128, 0.3127, 0.3290

Achromatomaly

13.8803, 0.3739, 0.3330

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.2149, 0.4926, 0.3389 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(178, 77, 70)` looks like.

```
.text, #text, p{  
    color:rgb(178, 77, 70)  
}
```

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(178, 77, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 77, 70) }
```

Border

The CSS property to change the border of an element to Yxy 15.2149, 0.4926, 0.3389 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(178, 77, 70) }
```

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

```
.border{ border-color:rgb(178, 77, 70) }
```

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

Here you see how a box with a 4 pixel rgb(178, 77, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 77, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 77, 70);  
box-shadow:4px 4px 4px 4px rgb(178, 77,  
70) }
```


Background

The CSS property to change the background color of an element to Yxy 15.2149, 0.4926, 0.3389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 77, 70) }
```

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

```
.background{ background-color: rgb(178, 77,  
70) }
```

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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