

Converting Colors

$Y_{xy}(15.0529, 0.5028, 0.3390)$

Have a look what the booklet for
Yxy(15.0529, 0.5028, 0.3390)
contains.

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Color

Yxy(15.0061, 0.5028, 0.3386)

Conversions

Conversions Part 1

Format	Color
Hex	B44A43
RGB	180, 74, 67
RGB Percent	71%, 29%, 26%
CMY	0.2941, 0.7098, 0.7373
CMYK	0.00, 0.59, 0.63, 0.29
HSL	4°, 46%, 48%
HSV	4°, 63%, 71%
XYZ	22.2831, 15.0061, 7.0288
YIQ	104.8960, 65.4230, 20.2950

Conversions

Conversions Part 2

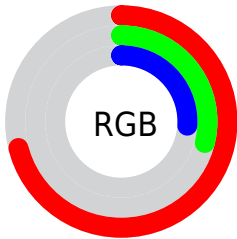
Format	Color
RYB	180, 74, 67
Decimal	11815491
CIELab	45.64, 42.61, 26.05
CIElCh	46, 49.939, 31.442
Yxy	15.0061, 0.5028, 0.3386
Android (android.graphics.Color)	4290005571 (0xFFB44A43)
YUV	104.8960, -18.6827, 65.8662
Hunter-Lab	38.7377, 34.8877, 16.3584

Details

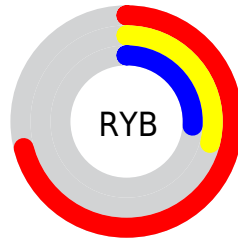
The Yxy color **15.0061, 0.5028, 0.3386** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **34.3608, 0.2353, 0.3172**, and the grayscale version is **14.1359, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.6848, 0.4574, 0.3413**, and **4.5966, 0.5835, 0.3238** is the 20% darker color. If you saturate the color by 10%, you get **12.8637, 0.5486, 0.3385**, and if you desaturate by 10%, it is **17.8219, 0.4585, 0.3377**.

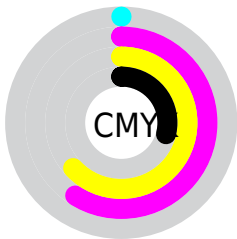
Distribution



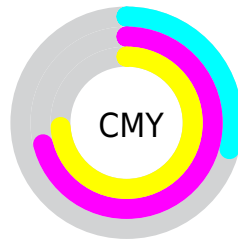
- Red (71%)
- Green (29%)
- Blue (26%)



- Red (71%)
- Yellow (29%)
- Blue (26%)



- Cyan (0%)
- Magenta (59%)
- Yellow (63%)
- Black (29%)




- Cyan (29%)
- Magenta (71%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.0061, 0.5028, 0.3386 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 15.0061, 0.5028, 0.3386 by changing the saturation by 10% instead.


 15.0061, 0.5028,
0.3386


 15.0061, 0.5028,
0.3386


223.4031, 0.3903,
0.3397


 8.8237, 0.5371,
0.3341


 34.8639, 0.4573,
0.3415

 4.6263, 0.5842,
0.3244

 49.3080, 0.4416,
0.3417


 2.0297, 0.6756,
0.3145

 67.2748, 0.4289,
0.3416

 0.6247, 0.7534,
0.2466

 89.1488, 0.4184,
0.3413

 0.0000, 1.0000,
0.0000

 115.3141, 0.4097,
0.3410

 0.0000, 0.0000,
0.0000

146.1554, 0.4022,

0.3406

182.0569, 0.3958,
0.3401

■ 15.0061, 0.5028,
0.3386

■ 15.0061, 0.5028,
0.3386

■ 12.8637, 0.5486,
0.3385

■ 17.8219, 0.4585,
0.3377

■ 11.3363, 0.5902,
0.3373

■ 21.3585, 0.4189,
0.3363

■ 10.3595, 0.6209,
0.3349

■ 25.6616, 0.3854,
0.3346

■ 9.9468, 0.6354,
0.3337

■ 30.7727, 0.3578,
0.3328

■ 36.7300, 0.3353,
0.3311

■ 43.5697, 0.3171,
0.3294

■ 51.3254, 0.3024,
0.3279

■ 60.0294, 0.2905,
0.3266

■ 69.7120, 0.2807,
0.3254

Harmonies

Analogous

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



15.0061, 0.4372, 0.2744



15.0061, 0.5028, 0.3386



15.0061, 0.5020, 0.4080

Triad

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



15.0061, 0.5028, 0.3386



15.0061, 0.2684, 0.4853



15.0061, 0.1778, 0.1845

Complementary

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



15.0061, 0.5028, 0.3386



34.3608, 0.2353, 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.



15.0061, 0.1497, 0.2089



15.0061, 0.5028, 0.3386



15.0061, 0.1931, 0.3792

Square

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



15.0061, 0.5028, 0.3386



15.0061, 0.3611, 0.5177



15.0061, 0.1535, 0.2729



15.0061, 0.2396, 0.1904

Rectangle

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



15.0061, 0.5028, 0.3386



15.0061, 0.4694, 0.4546



15.0061, 0.1535, 0.2729



15.0061, 0.1649, 0.1889

Sweetspot

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



15.0069, 0.5028, 0.3386



59.3644, 0.3495, 0.3322



16.7841, 0.3267, 0.1924



12.2006, 0.3562, 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.



15.0069, 0.5028, 0.3386



22.2365, 0.5640, 0.3383



25.8448, 0.4441, 0.4143



8.5873, 0.3286, 0.3305



6.9790, 0.6345, 0.3344



0.2475, 0.6123, 0.3520

Inverse Universe

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



34.3608, 0.2353, 0.3172



60.0184, 0.2267, 0.3144



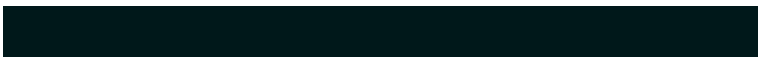
17.4061, 0.2125, 0.2174



9.5392, 0.2986, 0.3275



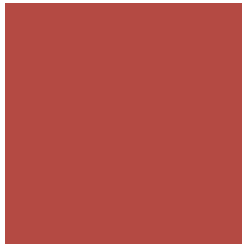
22.0891, 0.2194, 0.3098



0.7221, 0.2210, 0.3155

Previews

White Background



This preview shows how the Yxy color 15.0061, 0.5028, 0.3386 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 15.0061, 0.5028, 0.3386 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

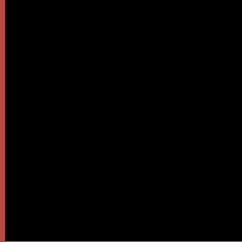
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.0061, 0.5028, 0.3386

Background



This preview shows how black text looks on a background with the Yxy color 15.0061, 0.5028, 0.3386.



This preview shows how white text looks on a background with the Yxy color 15.0061, 0.5028, 0.3386.

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

15.0061, 0.5028, 0.3386

Protanopia

15.3133, 0.3609, 0.3868

Deuteranopia

15.2350, 0.4141, 0.4073



Tritanopia

15.1247, 0.4884, 0.3243

Trichromacy



Original Color

15.0061, 0.5028, 0.3386

Protanomaly

14.4630, 0.4124, 0.3658

Deuteranomaly

14.6829, 0.4481, 0.3778

Tritanomaly

15.0699, 0.4951, 0.3295

Monochromacy



Original Color

15.0061, 0.5028, 0.3386

Achromatopsia

14.1263, 0.3127, 0.3290

Achromatomaly

13.6663, 0.3776, 0.3350

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.0061, 0.5028, 0.3386 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(180, 74, 67)` looks like.

```
.text, #text, p{  
  color:rgb(180, 74, 67)  
}
```

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(180, 74, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 74, 67) }
```

Border

The CSS property to change the border of an element to Yxy 15.0061, 0.5028, 0.3386 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(180, 74, 67) }
```

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

```
.border{ border-color:rgb(180, 74, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 74, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 74, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 74, 67);  
box-shadow:4px 4px 4px 4px rgb(180, 74,  
67) }
```


Background

The CSS property to change the background color of an element to Yxy 15.0061, 0.5028, 0.3386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 74, 67) }
```

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

```
.background{ background-color: rgb(180, 74,  
67) }
```

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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