

Converting Colors

$Yxy(16.0926, 0.5143, 0.3452)$

Have a look what the booklet for
Yxy(16.0926, 0.5143, 0.3452)
contains.

Yxy(16.0926, 0.5143, 0.3452)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(16.0926, 0.5143, 0.3452)

Conversions

Conversions Part 1

Format	Color
Hex	BB4C3F
RGB	187, 76, 63
RGB Percent	73%, 30%, 25%
CMY	0.2667, 0.7019, 0.7528
CMYK	0.00, 0.59, 0.66, 0.27
HSL	6°, 50%, 49%
HSV	6°, 66%, 73%
XYZ	23.9757, 16.0926, 6.5499
YIQ	107.7070, 70.3290, 19.4890

Conversions

Conversions Part 2

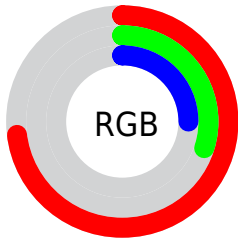
Format	Color
RYB	187, 78, 63
Decimal	12274751
CIELab	47.10, 43.96, 30.42
CIElCh	47, 53.458, 34.685
Yxy	16.0926, 0.5143, 0.3452
Android (android.graphics.Color)	4290464831 (0xFFBB4C3F)
YUV	107.7070, -22.0406, 69.5400
Hunter-Lab	40.1156, 36.4812, 18.4004

Details

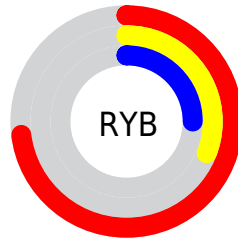
The Yxy color **16.0926, 0.5143, 0.3452** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **34.9278, 0.2306, 0.3078**, and the grayscale version is **14.9595, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.8047, 0.4673, 0.3480**, and **5.1760, 0.5943, 0.3309** is the 20% darker color. If you saturate the color by 10%, you get **13.9040, 0.5584, 0.3446**, and if you desaturate by 10%, it is **18.9544, 0.4702, 0.3442**.

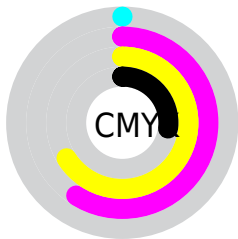
Distribution



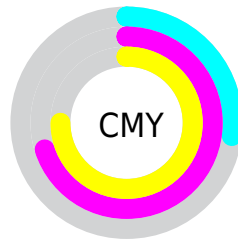
- Red (73%)
- Green (30%)
- Blue (25%)



- Red (73%)
- Yellow (31%)
- Blue (25%)



- Cyan (0%)
- Magenta (59%)
- Yellow (66%)
- Black (27%)




- Cyan (27%)
- Magenta (70%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 16.0926, 0.5143, 0.3452 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 16.0926, 0.5143, 0.3452 by changing the saturation by 10% instead.


 16.0926, 0.5143,
0.3452


 16.0926, 0.5143,
0.3452


229.8875, 0.3967,
0.3439

 9.5897, 0.5487,
0.3408


 36.7589, 0.4675,
0.3476


 5.1278, 0.5948,
0.3309

 51.6911, 0.4511,
0.3475


 2.3224, 0.6803,
0.3197

 70.2018, 0.4378,
0.3471

 0.7855, 0.7410,
0.2590

 92.6755, 0.4267,
0.3465

 0.0000, 1.0000,
0.0000

 119.4965, 0.4174,
0.3459

 0.0000, 0.0000,
0.0000

 151.0492, 0.4095,

0.3452

187.7181, 0.4026,
0.3446

■ 16.0926, 0.5143,
0.3452

■ 16.0926, 0.5143,
0.3452

■ 13.9040, 0.5584,
0.3446

■ 18.9544, 0.4702,
0.3442

■ 12.3306, 0.5969,
0.3420

■ 22.5355, 0.4300,
0.3420

■ 11.3087, 0.6240,
0.3377

■ 26.8814, 0.3953,
0.3393

■ 11.0498, 0.6317,
0.3366

■ 32.0329, 0.3663,
0.3363

■ 38.0278, 0.3425,
0.3334

■ 44.9016, 0.3230,
0.3306

■ 52.6878, 0.3072,
0.3281

■ 61.4182, 0.2943,
0.3257

■ 71.1229, 0.2837,
0.3236

Harmonies

Analogous

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



16.0926, 0.4530, 0.2787



16.0926, 0.5143, 0.3452



16.0926, 0.5050, 0.4171

Triad

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



16.0926, 0.5143, 0.3452



16.0926, 0.2559, 0.4842



16.0926, 0.1781, 0.1787

Complementary

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



16.0926, 0.5143, 0.3452



34.9278, 0.2306, 0.3078

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.



16.0926, 0.1458, 0.1996



16.0926, 0.5143, 0.3452



16.0926, 0.1817, 0.3677

Square

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



16.0926, 0.5143, 0.3452



16.0926, 0.3511, 0.5273



16.0926, 0.1458, 0.2603



16.0926, 0.2456, 0.1880

Rectangle

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



16.0926, 0.5143, 0.3452



16.0926, 0.4670, 0.4655



16.0926, 0.1458, 0.2603



16.0926, 0.1637, 0.1819

Sweetspot

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



16.0935, 0.5143, 0.3452



63.5947, 0.3515, 0.3346



17.2028, 0.3357, 0.1927



13.3412, 0.3583, 0.3354



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



16.0935, 0.5143, 0.3452



23.3618, 0.5788, 0.3436



28.9326, 0.4469, 0.4254



9.6927, 0.3286, 0.3315



7.6662, 0.6304, 0.3376



0.3546, 0.5999, 0.3619

Inverse Universe

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



34.9278, 0.2306, 0.3078



59.2916, 0.2214, 0.3024



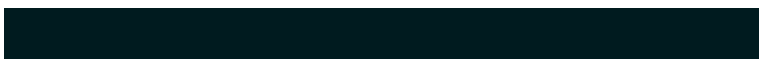
16.3711, 0.2046, 0.1983



10.6343, 0.2985, 0.3265



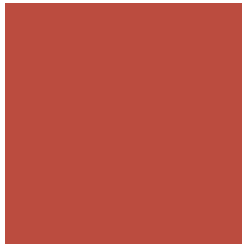
21.6861, 0.2156, 0.2962



0.8991, 0.2180, 0.3047

Previews

White Background



This preview shows how the Yxy color 16.0926, 0.5143, 0.3452 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 16.0926, 0.5143, 0.3452 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 16.0926, 0.5143, 0.3452

Background



This preview shows how black text looks on a background with the Yxy color 16.0926, 0.5143, 0.3452.



This preview shows how white text looks on a background with the Yxy color 16.0926, 0.5143, 0.3452.

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

16.0926, 0.5143, 0.3452

Protanopia

16.2617, 0.3717, 0.3987

Deuteranopia

16.2141, 0.4244, 0.4176



Tritanopia

16.1390, 0.4939, 0.3245

Trichromacy



Original Color

16.0926, 0.5143, 0.3452

Protanomaly

15.5026, 0.4245, 0.3764

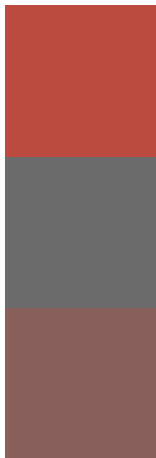
Deuteranomaly

15.7494, 0.4599, 0.3877

Tritanomaly

16.2046, 0.5011, 0.3320

Monochromacy



Original Color

16.0926, 0.5143, 0.3452

Achromatopsia

14.9960, 0.3127, 0.3290

Achromatomaly

14.4568, 0.3827, 0.3367

CSS Examples

Text

The CSS property to change the color of the text to Yxy 16.0926, 0.5143, 0.3452 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(187, 76, 63)` looks like.

```
.text, #text, p{  
  color:rgb(187, 76, 63)  
}
```

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(187, 76, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 76, 63) }
```

Border

The CSS property to change the border of an element to Yxy 16.0926, 0.5143, 0.3452 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(187, 76, 63) }
```

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

```
.border{ border-color:rgb(187, 76, 63) }
```

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

Here you see how a box with a 4 pixel rgb(187, 76, 63) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 76, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 76, 63);  
box-shadow:4px 4px 4px 4px rgb(187, 76,  
63) }
```


Background

The CSS property to change the background color of an element to Yxy 16.0926, 0.5143, 0.3452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 76, 63) }
```

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

```
.background{ background-color: rgb(187, 76,  
63) }
```

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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