

Converting Colors

$Yxy(16.2962, 0.5363, 0.3544)$

Have a look what the booklet for
Yxy(16.2962, 0.5363, 0.3544)
contains.

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Color

Yxy(16.2129, 0.5367, 0.3547)

Conversions

Conversions Part 1

Format	Color
Hex	BF4A33
RGB	191, 74, 51
RGB Percent	75%, 29%, 20%
CMY	0.2510, 0.7098, 0.8001
CMYK	0.00, 0.61, 0.73, 0.25
HSL	10°, 58%, 47%
HSV	10°, 73%, 75%
XYZ	24.5319, 16.2129, 4.9640
YIQ	106.3610, 77.1150, 17.6510

Conversions

Conversions Part 2

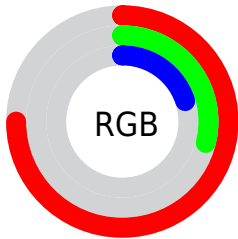
Format	Color
R_{YB}	191, 79, 51
Decimal	12536371
CIE _{Lab}	47.25, 45.71, 37.61
CIE _{LCh}	47, 59.191, 39.449
Yxy	16.2129, 0.5367, 0.3547
Android (android.graphics.Color)	4290726451 (0xFFBF4A33)
YUV	106.3610, -27.2930, 74.2284
Hunter-Lab	40.2652, 38.2883, 20.8763

Details

The Yxy color **16.2129, 0.5367, 0.3547** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **32.4538, 0.2221, 0.2912**, and the grayscale version is **14.5779, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.9622, 0.4860, 0.3568**, and **5.2068, 0.6207, 0.3376** is the 20% darker color. If you saturate the color by 10%, you get **14.2113, 0.5765, 0.3522**, and if you desaturate by 10%, it is **18.8259, 0.4940, 0.3544**.

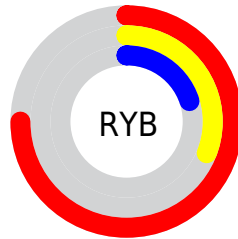
Distribution



Red (75%)

Green (29%)

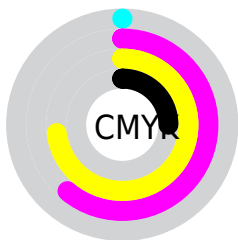
Blue (20%)



Red (75%)

Yellow (31%)

Blue (20%)

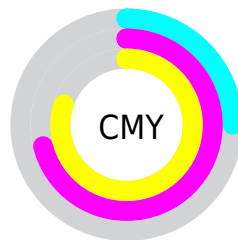


Cyan (0%)

Magenta (61%)

Yellow (73%)

Black (25%)



Cyan (25%)


Magenta (71%)


Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 16.2129, 0.5367, 0.3547 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 16.2129, 0.5367, 0.3547 by changing the saturation by 10% instead.


 16.2129, 0.5367,
0.3547


 16.2129, 0.5367,
0.3547


230.5947, 0.4078,
0.3510


 9.6749, 0.5724,
0.3493


 36.9674, 0.4865,
0.3572


 5.1840, 0.6196,
0.3377

 51.9528, 0.4685,
0.3568


 2.3556, 0.6856,
0.3144

 70.5227, 0.4537,
0.3560

 0.8029, 0.7464,
0.2536

 93.0616, 0.4414,
0.3551

 0.0000, 1.0000,
0.0000

 119.9538, 0.4310,
0.3540

 0.0000, 0.0000,
0.0000

 151.5838, 0.4222,

0.3530

188.3360, 0.4145,
0.3520

■ 16.2129, 0.5367,
0.3547

■ 16.2129, 0.5367,
0.3547

■ 14.2113, 0.5765,
0.3522

■ 18.8259, 0.4940,
0.3544

■ 12.7676, 0.6082,
0.3468

■ 22.0925, 0.4530,
0.3519

■ 12.0792, 0.6239,
0.3428

■ 26.0542, 0.4162,
0.3481

■ 30.7482, 0.3845,
0.3436

■ 36.2092, 0.3580,
0.3390

■ 42.4695, 0.3360,
0.3346

■ 49.5595, 0.3180,
0.3303

■ 57.5083, 0.3031,
0.3264

■ 66.3433, 0.2908,
0.3229

Harmonies

Analogous

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



16.2129, 0.4827, 0.2838



16.2129, 0.5367, 0.3547



16.2129, 0.5119, 0.4321

Triad

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



16.2129, 0.5367, 0.3547



16.2129, 0.2335, 0.4859



16.2129, 0.1761, 0.1668

Complementary

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



16.2129, 0.5367, 0.3547



32.4538, 0.2221, 0.2912

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.



16.2129, 0.1366, 0.1823



16.2129, 0.5367, 0.3547



16.2129, 0.1608, 0.3487

Square

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



16.2129, 0.5367, 0.3547



16.2129, 0.3341, 0.5488



16.2129, 0.1306, 0.2383



16.2129, 0.2541, 0.1814

Rectangle

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



16.2129, 0.5367, 0.3547



16.2129, 0.4642, 0.4853



16.2129, 0.1306, 0.2383



16.2129, 0.1589, 0.1683

Sweetspot

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



16.2138, 0.5367, 0.3547



65.8736, 0.3557, 0.3386



16.3431, 0.3485, 0.1903



13.8367, 0.3623, 0.3399



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



16.2138, 0.5367, 0.3547



23.7684, 0.5971, 0.3493



30.6577, 0.4550, 0.4393



9.7833, 0.3284, 0.3328



8.0188, 0.6221, 0.3443



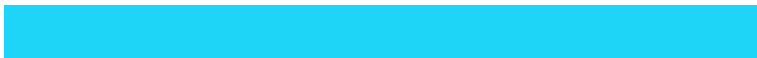
0.3944, 0.5809, 0.3770

Inverse Universe

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



32.4538, 0.2221, 0.2912



53.8609, 0.2134, 0.2817



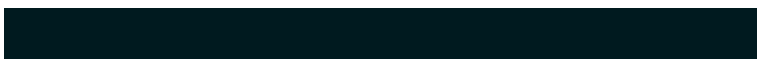
13.5743, 0.1915, 0.1697



10.5349, 0.2985, 0.3251



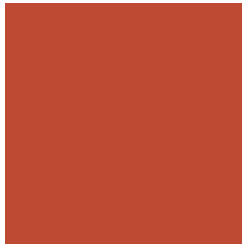
18.9971, 0.2101, 0.2764



0.8165, 0.2140, 0.2902

Previews

White Background



This preview shows how the Yxy color 16.2129, 0.5367, 0.3547 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 16.2129, 0.5367, 0.3547 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

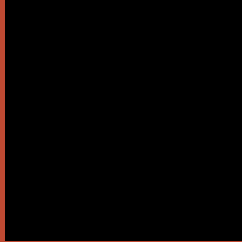
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 16.2129, 0.5367, 0.3547

Background



This preview shows how black text looks on a background with the Yxy color 16.2129, 0.5367, 0.3547.



This preview shows how white text looks on a background with the Yxy color 16.2129, 0.5367, 0.3547.

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

16.2129, 0.5367, 0.3547

Protanopia

16.4542, 0.3911, 0.4257

Deuteranopia

16.2727, 0.4413, 0.4345



Tritanopia

16.2209, 0.5059, 0.3248

Trichromacy



Original Color

16.2129, 0.5367, 0.3547

Protanomaly

15.5353, 0.4453, 0.3962

Deuteranomaly

15.7606, 0.4798, 0.4000

Tritanomaly

16.2345, 0.5190, 0.3365

Monochromacy



Original Color

16.2129, 0.5367, 0.3547

Achromatopsia

14.4128, 0.3127, 0.3290

Achromatomaly

13.9957, 0.3935, 0.3442

CSS Examples

Text

The CSS property to change the color of the text to Yxy 16.2129, 0.5367, 0.3547 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(191, 74, 51)` looks like.

```
.text, #text, p{  
    color:rgb(191, 74, 51)  
}
```

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(191, 74, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 74, 51) }
```

Border

The CSS property to change the border of an element to Yxy 16.2129, 0.5367, 0.3547 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(191, 74, 51) }
```

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

```
.border{ border-color:rgb(191, 74, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 74, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 74, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 74, 51);  
box-shadow:4px 4px 4px 4px rgb(191, 74,  
51) }
```


Background

The CSS property to change the background color of an element to Yxy 16.2129, 0.5367, 0.3547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 74, 51) }
```

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

```
.background{ background-color: rgb(191, 74,  
51) }
```

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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