

Converting Colors

$Y_{xy}(17.3182, 0.5254, 0.3724)$

Have a look what the booklet for
Yxy(17.3182, 0.5254, 0.3724)
contains.

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Color

Yxy(17.3936, 0.5252, 0.3729)

Conversions

Conversions Part 1

Format	Color
Hex	BC552F
RGB	188, 85, 47
RGB Percent	74%, 33%, 18%
CMY	0.2628, 0.6666, 0.8158
CMYK	0.00, 0.55, 0.75, 0.26
HSL	16°, 60%, 46%
HSV	16°, 75%, 74%
XYZ	24.4975, 17.3936, 4.7530
YIQ	111.4650, 73.5860, 10.0180

Conversions

Conversions Part 2

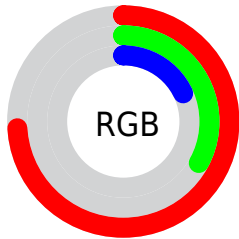
Format	Color
R _Y B	188, 99, 47
Decimal	12342575
CIE Lab	48.75, 39.09, 41.22
CIE LCh	49, 56.811, 46.517
Yxy	17.3936, 0.5252, 0.3729
Android (android.graphics.Color)	4290532655 (0xFFBC552F)
YUV	111.4650, -31.7812, 67.1212
Hunter-Lab	41.7056, 31.8644, 22.4369

Details

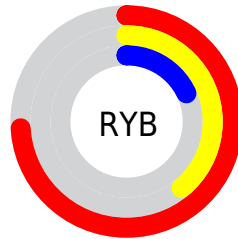
The Yxy color **17.3936, 0.5252, 0.3729** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **26.0284, 0.2143, 0.2638**, and the grayscale version is **16.1181, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.0415, 0.4795, 0.3712**, and **5.7332, 0.5991, 0.3625** is the 20% darker color. If you saturate the color by 10%, you get **15.3179, 0.5611, 0.3702**, and if you desaturate by 10%, it is **19.9559, 0.4870, 0.3716**.

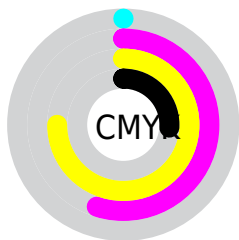
Distribution



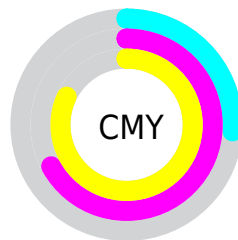
- Red (74%)
- Green (33%)
- Blue (18%)



- Red (74%)
- Yellow (39%)
- Blue (18%)



- Cyan (0%)
- Magenta (55%)
- Yellow (75%)
- Black (26%)





- Cyan (26%)
- Magenta (67%)
- Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.3936, 0.5252, 0.3729 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 17.3936, 0.5252, 0.3729 by changing the saturation by 10% instead.


 17.3936, 0.5252,
0.3729


 17.3936, 0.5252,
0.3729


237.4305, 0.4048,
0.3590


 10.5155, 0.5575,
0.3704


 39.0013, 0.4789,
0.3714


 5.7421, 0.6001,
0.3630

 54.4997, 0.4622,
0.3696

 2.6889, 0.6559,
0.3441

 73.6403, 0.4483,
0.3677

 0.9716, 0.7080,
0.2920

 96.8075, 0.4367,
0.3657

 0.0000, 1.0000,
0.0000

 124.3857, 0.4269,
0.3639

 0.0000, 0.0000,
0.0000

 156.7594, 0.4184,

0.3621

194.3128, 0.4111,
0.3605

■ 17.3936, 0.5252,
0.3729

■ 17.3936, 0.5252,
0.3729

■ 15.3179, 0.5611,
0.3702

■ 19.9559, 0.4870,
0.3716

■ 13.6925, 0.5908,
0.3631

■ 23.0316, 0.4498,
0.3673

■ 13.0323, 0.6035,
0.3590

■ 26.6492, 0.4159,
0.3611

■ 30.8337, 0.3860,
0.3540

■ 35.6088, 0.3605,
0.3465

■ 40.9966, 0.3388,
0.3392

■ 47.0182, 0.3207,
0.3323

■ 53.6936, 0.3055,
0.3258

■ 61.0419, 0.2927,
0.3199

Harmonies

Analogous

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



17.3936, 0.4911, 0.3027



17.3936, 0.5252, 0.3729



17.3936, 0.4892, 0.4479

Triad

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



17.3936, 0.5252, 0.3729



17.3936, 0.2193, 0.4473



17.3936, 0.1970, 0.1751

Complementary

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



17.3936, 0.5252, 0.3729



26.0284, 0.2143, 0.2638

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.



17.3936, 0.1505, 0.1832



17.3936, 0.5252, 0.3729



17.3936, 0.1584, 0.3196

Square

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



17.3936, 0.5252, 0.3729



17.3936, 0.3118, 0.5299



17.3936, 0.1374, 0.2273



17.3936, 0.2808, 0.1954

Rectangle

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



17.3936, 0.5252, 0.3729



17.3936, 0.4392, 0.4956



17.3936, 0.1374, 0.2273



17.3936, 0.1775, 0.1744

Sweetspot

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



17.3946, 0.5252, 0.3729



66.0654, 0.3567, 0.3453



14.9350, 0.3754, 0.2055



13.4922, 0.3652, 0.3480



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.



17.3946, 0.5252, 0.3729



25.7726, 0.5812, 0.3661



34.3647, 0.4402, 0.4586



9.9439, 0.3282, 0.3353



8.9819, 0.6013, 0.3607



0.4643, 0.5527, 0.3993

Inverse Universe

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



26.0284, 0.2143, 0.2638



41.6295, 0.2035, 0.2473



9.9537, 0.1824, 0.1385



10.3622, 0.2985, 0.3227



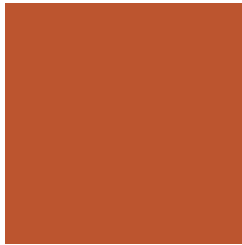
14.8357, 0.2000, 0.2400



0.6839, 0.2066, 0.2638

Previews

White Background



This preview shows how the Yxy color 17.3936, 0.5252, 0.3729 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 17.3936, 0.5252, 0.3729 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 17.3936, 0.5252, 0.3729

Background



This preview shows how black text looks on a background with the Yxy color 17.3936, 0.5252, 0.3729.



This preview shows how white text looks on a background with the Yxy color 17.3936, 0.5252, 0.3729.

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

17.3936, 0.5252, 0.3729

Protanopia

17.6752, 0.4021, 0.4407

Deuteranopia

17.5418, 0.4465, 0.4414



Tritanopia

17.5039, 0.4772, 0.3231

Trichromacy



Original Color

17.3936, 0.5252, 0.3729

Protanomaly

16.8442, 0.4481, 0.4131

Deuteranomaly

17.2542, 0.4768, 0.4137

Tritanomaly

17.3213, 0.4971, 0.3420

Monochromacy



Original Color

17.3936, 0.5252, 0.3729

Achromatopsia

15.8961, 0.3127, 0.3290

Achromatomaly

15.6963, 0.3881, 0.3550

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.3936, 0.5252, 0.3729 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(188, 85, 47)` looks like.

```
.text, #text, p{  
    color:rgb(188, 85, 47)  
}
```

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(188, 85, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 85, 47) }
```

Border

The CSS property to change the border of an element to Yxy 17.3936, 0.5252, 0.3729 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(188, 85, 47) }
```

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

```
.border{ border-color:rgb(188, 85, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 85, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 85, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 85, 47);  
box-shadow:4px 4px 4px 4px rgb(188, 85,  
47) }
```


Background

The CSS property to change the background color of an element to Yxy 17.3936, 0.5252, 0.3729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 85, 47) }
```

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

```
.background{ background-color: rgb(188, 85,  
47) }
```

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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