

Converting Colors

$Yxy(11.5111, 0.5642, 0.3252)$

Have a look what the booklet for
Yxy(11.5111, 0.5642, 0.3252)
contains.

Yxy(11.5249, 0.5634, 0.3248)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(11.5249, 0.5634, 0.3248)

Conversions

Conversions Part 1

Format	Color
Hex	B32B30
RGB	179, 43, 48
RGB Percent	70%, 17%, 19%
CMY	0.2980, 0.8315, 0.8118
CMYK	0.00, 0.76, 0.73, 0.30
HSL	358°, 61%, 44%
HSV	358°, 76%, 70%
XYZ	19.9912, 11.5249, 3.9670
YIQ	84.2340, 79.4510, 30.3870

Conversions

Conversions Part 2

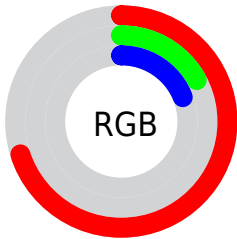
Format	Color
R_{YB}	179, 43, 48
Decimal	11742000
CIE Lab	40.45, 54.03, 31.03
CIE LCh	40, 62.304, 29.867
Yxy	11.5249, 0.5634, 0.3248
Android (android.graphics.Color)	4289932080 (0xFFB32B30)
YUV	84.2340, -17.8634, 83.1098
Hunter-Lab	33.9483, 45.7037, 16.8356

Details

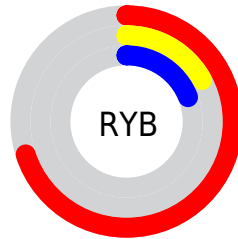
The Yxy color **11.5249, 0.5634, 0.3248** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **35.8170, 0.2331, 0.3372**, and the grayscale version is **8.9402, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.6233, 0.5022, 0.3354**, and **3.8581, 0.6355, 0.3275** is the 20% darker color. If you saturate the color by 10%, you get **10.3822, 0.6026, 0.3260**, and if you desaturate by 10%, it is **13.2952, 0.5175, 0.3243**.

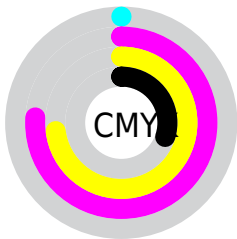
Distribution



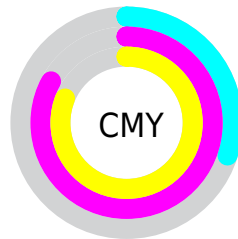
- Red (70%)
- Green (17%)
- Blue (19%)



- Red (70%)
- Yellow (17%)
- Blue (19%)



- Cyan (0%)
- Magenta (76%)
- Yellow (73%)
- Black (30%)





- Cyan (30%)
- Magenta (83%)
- Yellow (81%)
- Black (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.5249, 0.5634, 0.3248 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 11.5249, 0.5634, 0.3248 by changing the saturation by 10% instead.


 11.5249, 0.5634,
0.3248


 11.5249, 0.5634,
0.3248


201.2341, 0.4121,
0.3389


 6.4211, 0.6089,
0.3128


 28.6268, 0.5020,
0.3349


 3.1028, 0.6780,
0.2939

 41.3936, 0.4808,
0.3370


 1.1856, 0.7527,
0.2473

 57.4836, 0.4637,
0.3381

 0.0499, 0.9674,
0.0326

 77.2811, 0.4496,
0.3387

 0.0000, 1.0000,
0.0000

 101.1705, 0.4379,
0.3390

 0.0000, 0.0000,
0.0000

 129.5362, 0.4280,

0.3391

162.7626, 0.4195,
0.3390

■ 11.5249, 0.5634,
0.3248

■ 11.5249, 0.5634,
0.3248

■ 10.3822, 0.6026,
0.3260

■ 13.2952, 0.5175,
0.3243

■ 9.7722, 0.6288,
0.3277

■ 15.7632, 0.4716,
0.3244

■ 9.6005, 0.6360,
0.3277

■ 18.9919, 0.4299,
0.3249

■ 23.0369, 0.3943,
0.3257

■ 27.9482, 0.3650,
0.3267

■ 33.7724, 0.3413,
0.3276

■ 40.5521, 0.3223,
0.3285

■ 48.3278, 0.3070,
0.3293

■ 57.1373, 0.2947,
0.3301

Harmonies

Analogous

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



11.5249, 0.4736, 0.2514



11.5249, 0.5634, 0.3248



11.5249, 0.5547, 0.4060

Triad

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



11.5249, 0.5634, 0.3248



11.5249, 0.2507, 0.5590



11.5249, 0.1405, 0.1481

Complementary

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



11.5249, 0.5634, 0.3248



35.8170, 0.2331, 0.3372

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.



11.5249, 0.1101, 0.1751



11.5249, 0.5634, 0.3248



11.5249, 0.1581, 0.4040

Square

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



11.5249, 0.5634, 0.3248



11.5249, 0.3655, 0.5790



11.5249, 0.1134, 0.2535



11.5249, 0.2110, 0.1549

Rectangle

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



11.5249, 0.5634, 0.3248



11.5249, 0.5079, 0.4682



11.5249, 0.1134, 0.2535



11.5249, 0.1265, 0.1528

Sweetspot

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



11.5256, 0.5634, 0.3248



52.5974, 0.3583, 0.3269



13.7769, 0.3111, 0.1644



10.8809, 0.3676, 0.3266



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.



11.5256, 0.5634, 0.3248



17.7834, 0.6214, 0.3272



19.7006, 0.4946, 0.4060



8.5102, 0.3281, 0.3282



6.7847, 0.6352, 0.3273



0.2151, 0.6153, 0.3163

Inverse Universe

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



11.5256, 0.5634, 0.3248



17.7834, 0.6214, 0.3272



16.6786, 0.2016, 0.2157



8.5102, 0.3281, 0.3282



6.7847, 0.6352, 0.3273



0.2151, 0.6153, 0.3163

Previews

White Background



This preview shows how the Yxy color 11.5249, 0.5634, 0.3248 looks on a white background.

Color Contrast Check

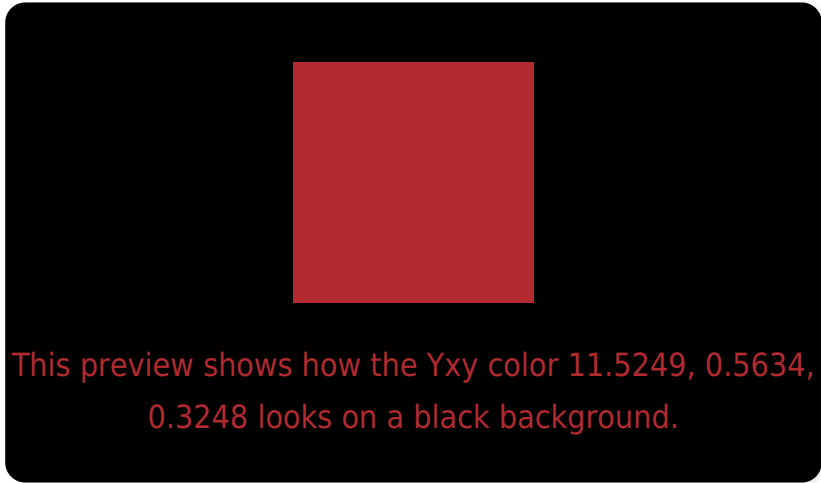
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 11.5249, 0.5634, 0.3248

Background



This preview shows how black text looks on a background with the Yxy color 11.5249, 0.5634, 0.3248.



This preview shows how white text looks on a background with the Yxy color 11.5249, 0.5634, 0.3248.

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

11.5249, 0.5634, 0.3248

Protanopia

11.7021, 0.3697, 0.3978

Deuteranopia

11.7938, 0.4373, 0.4320



Tritanopia

11.5745, 0.5671, 0.3288

Trichromacy



Original Color

11.5249, 0.5634, 0.3248

Protanomaly

10.4488, 0.4456, 0.3637

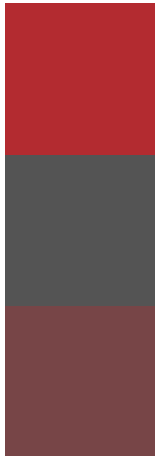
Deuteranomaly

10.7274, 0.4928, 0.3816

Tritanomaly

11.5823, 0.5656, 0.3278

Monochromacy



Original Color

11.5249, 0.5634, 0.3248

Achromatopsia

8.8656, 0.3127, 0.3290

Achromatomaly

8.6331, 0.4094, 0.3250

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.5249, 0.5634, 0.3248 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(179, 43, 48)` looks like.

```
.text, #text, p{  
    color:rgb(179, 43, 48)  
}
```

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(179, 43, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 43, 48) }
```

Border

The CSS property to change the border of an element to Yxy 11.5249, 0.5634, 0.3248 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(179, 43, 48) }
```

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

```
.border{ border-color:rgb(179, 43, 48) }
```

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

Here you see how a box with a 4 pixel rgb(179, 43, 48) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 43, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 43, 48);  
box-shadow:4px 4px 4px 4px rgb(179, 43,  
48) }
```


Background

The CSS property to change the background color of an element to Yxy 11.5249, 0.5634, 0.3248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 43, 48) }
```

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

```
.background{ background-color: rgb(179, 43,  
48) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor