

Converting Colors

$Y_{xy}(13.0357, 0.5654, 0.3394)$

Have a look what the booklet for
Yxy(13.0357, 0.5654, 0.3394)
contains.

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Color

Yxy(13.0349, 0.5654, 0.3394)

Conversions

Conversions Part 1

Format	Color
Hex	B9352B
RGB	185, 53, 43
RGB Percent	73%, 21%, 17%
CMY	0.2746, 0.7921, 0.8314
CMYK	0.00, 0.71, 0.77, 0.27
HSL	4°, 62%, 45%
HSV	4°, 77%, 73%
XYZ	21.7146, 13.0349, 3.6562
YIQ	91.3280, 81.8820, 24.8740

Conversions

Conversions Part 2

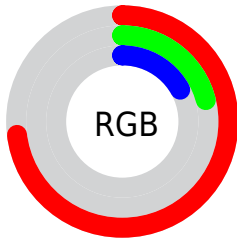
Format	Color
R_{YB}	185, 54, 43
Decimal	12137771
CIE _{Lab}	42.82, 52.15, 36.88
CIE _{LCh}	43, 63.871, 35.272
Yxy	13.0349, 0.5654, 0.3394
Android (android.graphics.Color)	4290327851 (0xFFB9352B)
YUV	91.3280, -23.8257, 82.1503
Hunter-Lab	36.1039, 44.1766, 19.2684

Details

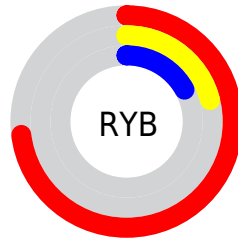
The Yxy color **13.0349, 0.5654, 0.3394** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **34.6584, 0.2259, 0.3123**, and the grayscale version is **10.5841, 0.3127, 0.3290**.

A 20% lighter version of the original color is **31.4198, 0.5065, 0.3466**, and **4.2851, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **11.6325, 0.6034, 0.3374**, and if you desaturate by 10%, it is **15.0626, 0.5206, 0.3400**.

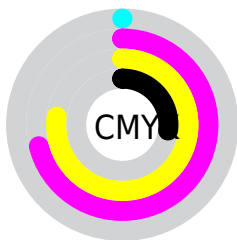
Distribution



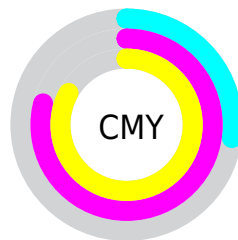
- Red (73%)
- Green (21%)
- Blue (17%)



- Red (73%)
- Yellow (21%)
- Blue (17%)



- Cyan (0%)
- Magenta (71%)
- Yellow (77%)
- Black (27%)





- Cyan (27%)
- Magenta (79%)
- Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 13.0349, 0.5654, 0.3394 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 13.0349, 0.5654, 0.3394 by changing the saturation by 10% instead.


 13.0349, 0.5654,
0.3394


 13.0349, 0.5654,
0.3394


211.1412, 0.4165,
0.3466


 7.4526, 0.6075,
0.3290


 31.3665, 0.5065,
0.3472


 3.7467, 0.6722,
0.3134

 44.8845, 0.4857,
0.3484

 1.5329, 0.7312,
0.2688

 61.8166, 0.4687,
0.3487

 0.3117, 0.8523,
0.1477

 82.5471, 0.4546,
0.3486

 0.0000, 1.0000,
0.0000

 107.4604, 0.4427,
0.3482

 0.0000, 0.0000,
0.0000

 136.9409, 0.4327,

0.3477

171.3731, 0.4240,
0.3472

■ 13.0349, 0.5654,
0.3394

■ 13.0349, 0.5654,
0.3394

■ 11.6325, 0.6034,
0.3374

■ 15.0626, 0.5206,
0.3400

■ 10.7797, 0.6288,
0.3345

■ 17.7746, 0.4753,
0.3394

■ 10.6025, 0.6349,
0.3341

■ 21.2259, 0.4338,
0.3380

■ 25.4650, 0.3979,
0.3361

■ 30.5365, 0.3681,
0.3341

■ 36.4815, 0.3437,
0.3321

■ 43.3384, 0.3239,
0.3302

■ 51.1434, 0.3079,
0.3285

■ 59.9308, 0.2949,
0.3269

Harmonies

Analogous

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



13.0349, 0.4933, 0.2652



13.0349, 0.5654, 0.3394



13.0349, 0.5419, 0.4221

Triad

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



13.0349, 0.5654, 0.3394



13.0349, 0.2330, 0.5345



13.0349, 0.1517, 0.1491

Complementary

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



13.0349, 0.5654, 0.3394



34.6584, 0.2259, 0.3123

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.



13.0349, 0.1151, 0.1692



13.0349, 0.5654, 0.3394



13.0349, 0.1486, 0.3719

Square

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



13.0349, 0.5654, 0.3394



13.0349, 0.3452, 0.5821



13.0349, 0.1124, 0.2360



13.0349, 0.2301, 0.1611

Rectangle

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



13.0349, 0.5654, 0.3394



13.0349, 0.4894, 0.4842



13.0349, 0.1124, 0.2360



13.0349, 0.1355, 0.1518

Sweetspot

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



13.0357, 0.5654, 0.3394



58.1225, 0.3592, 0.3334



15.1557, 0.3330, 0.1761



11.7477, 0.3686, 0.3341



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



13.0357, 0.5654, 0.3394



19.7082, 0.6220, 0.3354



24.7667, 0.4759, 0.4273



9.1114, 0.3286, 0.3307



7.2622, 0.6338, 0.3349



0.2906, 0.6104, 0.3535

Inverse Universe

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



34.6584, 0.2259, 0.3123



59.7891, 0.2199, 0.3083



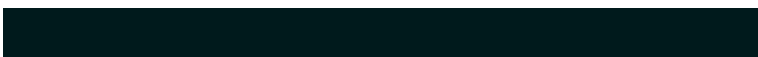
14.0222, 0.1926, 0.1831



10.0991, 0.2985, 0.3273



22.5016, 0.2186, 0.3071



0.8259, 0.2203, 0.3131

Previews

White Background



This preview shows how the Yxy color 13.0349, 0.5654, 0.3394 looks on a white background.

Color Contrast Check

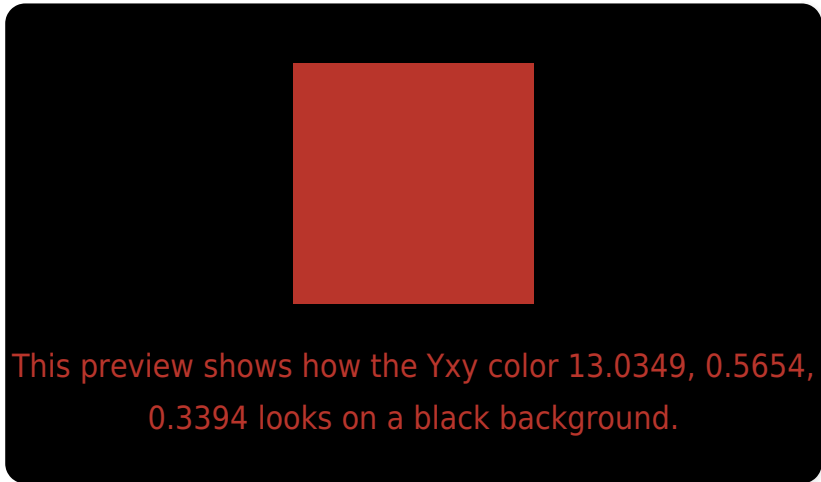
Large Text (above 18pt) WCAG AA ✓ Pass

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 13.0349, 0.5654, 0.3394

Background



This preview shows how black text looks on a background with the Yxy color 13.0349, 0.5654, 0.3394.



This preview shows how white text looks on a background with the Yxy color 13.0349, 0.5654, 0.3394.

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

13.0349, 0.5654, 0.3394

Protanopia

13.2530, 0.3888, 0.4225

Deuteranopia

13.2484, 0.4486, 0.4418



Tritanopia

13.0366, 0.5504, 0.3276

Trichromacy



Original Color

13.0349, 0.5654, 0.3394

Protanomaly

12.0867, 0.4593, 0.3839

Deuteranomaly

12.4080, 0.4991, 0.3952

Tritanomaly

13.0006, 0.5566, 0.3317

Monochromacy



Original Color

13.0349, 0.5654, 0.3394

Achromatopsia

10.4616, 0.3127, 0.3290

Achromatomaly

10.1621, 0.4075, 0.3354

CSS Examples

Text

The CSS property to change the color of the text to Yxy 13.0349, 0.5654, 0.3394 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(185, 53, 43)` looks like.

```
.text, #text, p{  
    color:rgb(185, 53, 43)  
}
```

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(185, 53, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 53, 43) }
```

Border

The CSS property to change the border of an element to Yxy 13.0349, 0.5654, 0.3394 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(185, 53, 43) }
```

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

```
.border{ border-color:rgb(185, 53, 43) }
```

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

Here you see how a box with a 4 pixel rgb(185, 53, 43) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 53, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 53, 43);  
box-shadow:4px 4px 4px 4px rgb(185, 53,  
43) }
```


Background

The CSS property to change the background color of an element to Yxy 13.0349, 0.5654, 0.3394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 53, 43) }
```

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

```
.background{ background-color: rgb(185, 53,  
43) }
```

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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