

Converting Colors

$Y_{xy}(11.2510, 0.5765, 0.3397)$

Have a look what the booklet for
Yxy(11.2510, 0.5765, 0.3397)
contains.

Yxy(11.3054, 0.5770, 0.3400)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(11.3054, 0.5770, 0.3400)

Conversions

Conversions Part 1

Format	Color
Hex	B02E23
RGB	176, 46, 35
RGB Percent	69%, 18%, 14%
CMY	0.3098, 0.8196, 0.8628
CMYK	0.00, 0.74, 0.80, 0.31
HSL	5°, 67%, 41%
HSV	5°, 80%, 69%
XYZ	19.1859, 11.3054, 2.7598
YIQ	83.6160, 81.0110, 24.1390

Conversions

Conversions Part 2

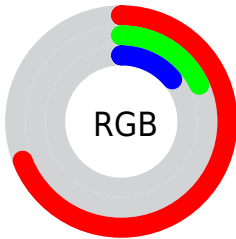
Format	Color
R_{YB}	176, 47, 35
Decimal	11546147
CIE _{Lab}	40.09, 51.54, 37.96
CIE _{LCh}	40, 64.006, 36.372
Yxy	11.3054, 0.5770, 0.3400
Android (android.graphics.Color)	4289736227 (0xFFB02E23)
YUV	83.6160, -23.9677, 81.0208
Hunter-Lab	33.6235, 43.0129, 18.6699

Details

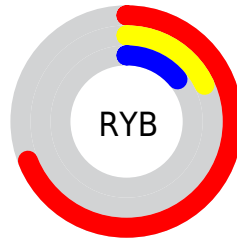
The Yxy color **11.3054, 0.5770, 0.3400** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **30.3998, 0.2239, 0.3097**, and the grayscale version is **8.8200, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.0786, 0.5143, 0.3488**, and **3.6448, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **10.1897, 0.6116, 0.3374**, and if you desaturate by 10%, it is **12.9539, 0.5338, 0.3411**.

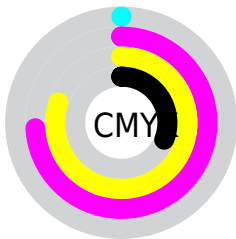
Distribution



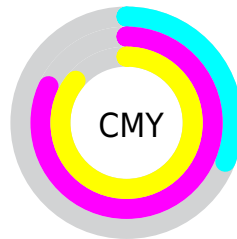
- Red (69%)
- Green (18%)
- Blue (14%)



- Red (69%)
- Yellow (18%)
- Blue (14%)



- Cyan (0%)
- Magenta (74%)
- Yellow (80%)
- Black (31%)




- Cyan (31%)
- Magenta (82%)
- Yellow (86%)
- Black (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.3054, 0.5770, 0.3400 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 11.3054, 0.5770, 0.3400 by changing the saturation by 10% instead.


 11.3054, 0.5770,
0.3400

 11.3054, 0.5770,
0.3400


199.7510, 0.4193,
0.3484


 6.2726, 0.6217,
0.3275


 28.2235, 0.5143,
0.3492


 3.0116, 0.6916,
0.3084

 40.8777, 0.4921,
0.3505


 1.1378, 0.7467,
0.2533


 56.8411, 0.4741,
0.3509

 0.0100, 0.9926,
0.0074

 76.4982, 0.4592,
0.3507

 0.0000, 1.0000,
0.0000

 100.2333, 0.4468,
0.3503

 0.0000, 0.0000,
0.0000

 128.4309, 0.4362,


0.3497


 161.4753, 0.4271,
0.3490


 11.3054, 0.5770,
0.3400


 11.3054, 0.5770,
0.3400


 10.1897, 0.6116,
0.3374


 12.9539, 0.5338,
0.3411

 9.5382, 0.6340,
0.3348

 15.1886, 0.4885,
0.3408

 18.0583, 0.4459,
0.3394

 21.6066, 0.4085,
0.3375

 25.8729, 0.3770,
0.3353

■ 30.8936, 0.3511,
0.3331

■ 36.7028, 0.3300,
0.3310

■ 43.3325, 0.3129,
0.3290

■ 50.8128, 0.2990,
0.3272

Harmonies

Analogous

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



11.3054, 0.5065, 0.2644



11.3054, 0.5770, 0.3400



11.3054, 0.5471, 0.4253

Triad

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



11.3054, 0.5770, 0.3400



11.3054, 0.2239, 0.5420



11.3054, 0.1482, 0.1429

Complementary

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



11.3054, 0.5770, 0.3400



30.3998, 0.2239, 0.3097

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.



11.3054, 0.1096, 0.1615



11.3054, 0.5770, 0.3400



11.3054, 0.1395, 0.3667

Square

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



11.3054, 0.5770, 0.3400



11.3054, 0.3389, 0.5951



11.3054, 0.1052, 0.2271



11.3054, 0.2302, 0.1564

Rectangle

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



11.3054, 0.5770, 0.3400



11.3054, 0.4918, 0.4923



11.3054, 0.1052, 0.2271



11.3054, 0.1312, 0.1452

Sweetspot

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



11.3061, 0.5770, 0.3400



51.9415, 0.3616, 0.3341



13.2076, 0.3338, 0.1733



10.5809, 0.3708, 0.3348



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



11.3061, 0.5770, 0.3400



17.5165, 0.6287, 0.3347



21.5903, 0.4828, 0.4284



8.6084, 0.3285, 0.3308



7.0340, 0.6330, 0.3356



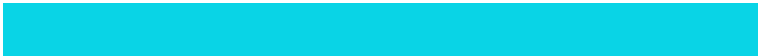
0.2563, 0.6059, 0.3571

Inverse Universe

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



30.3998, 0.2239, 0.3097



52.9781, 0.2185, 0.3051



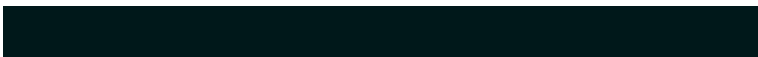
11.8749, 0.1890, 0.1765



9.5157, 0.2986, 0.3272



21.3647, 0.2180, 0.3048



0.7055, 0.2200, 0.3120

Previews

White Background



This preview shows how the Yxy color 11.3054, 0.5770, 0.3400 looks on a white background.

Color Contrast Check

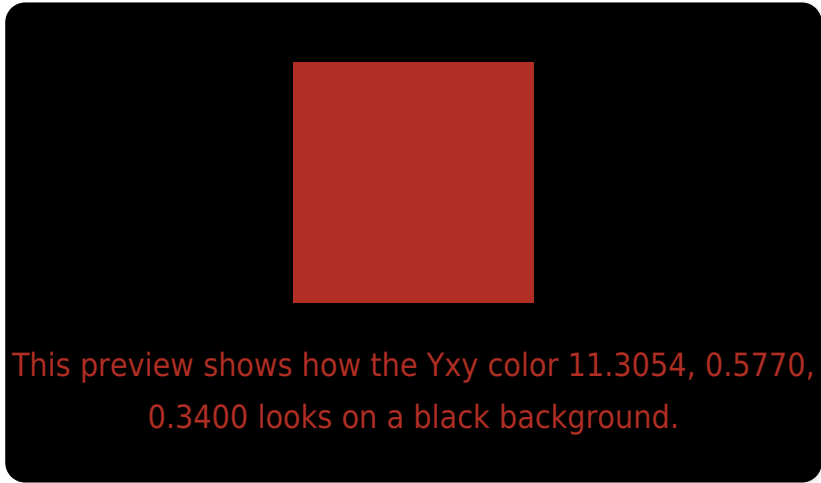
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.3054, 0.5770, 0.3400

Background



This preview shows how black text looks on a background with the Yxy color 11.3054, 0.5770, 0.3400.



This preview shows how white text looks on a background with the Yxy color 11.3054, 0.5770, 0.3400.

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

11.3054, 0.5770, 0.3400

Protanopia

11.6517, 0.3967, 0.4328

Deuteranopia

11.5371, 0.4547, 0.4506



Tritanopia

11.3041, 0.5623, 0.3287

Trichromacy



Original Color

11.3054, 0.5770, 0.3400

Protanomaly

10.4559, 0.4690, 0.3911

Deuteranomaly

10.6867, 0.5086, 0.4017

Tritanomaly

11.2740, 0.5684, 0.3327

Monochromacy



Original Color

11.3054, 0.5770, 0.3400

Achromatopsia

8.8656, 0.3127, 0.3290

Achromatomaly

8.5556, 0.4151, 0.3379

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.3054, 0.5770, 0.3400 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(176, 46, 35)` looks like.

```
.text, #text, p{  
    color:rgb(176, 46, 35)  
}
```

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(176, 46, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 46, 35) }
```

Border

The CSS property to change the border of an element to Yxy 11.3054, 0.5770, 0.3400 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(176, 46, 35) }
```

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

```
.border{ border-color:rgb(176, 46, 35) }
```

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

Here you see how a box with a 4 pixel rgb(176, 46, 35) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 46, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 46, 35);  
box-shadow:4px 4px 4px 4px rgb(176, 46,  
35) }
```


Background

The CSS property to change the background color of an element to Yxy 11.3054, 0.5770, 0.3400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 46, 35) }
```

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

```
.background{ background-color: rgb(176, 46,  
35) }
```

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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