

Converting Colors

$Y_{xy}(14.2690, 0.5400, 0.3426)$

Have a look what the booklet for
Yxy(14.2690, 0.5400, 0.3426)
contains.

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Color

Yxy(14.2381, 0.5398, 0.3418)

Conversions

Conversions Part 1

Format	Color
Hex	B94035
RGB	185, 64, 53
RGB Percent	73%, 25%, 21%
CMY	0.2745, 0.7490, 0.7921
CMYK	0.00, 0.65, 0.71, 0.27
HSL	5°, 55%, 47%
HSV	5°, 71%, 73%
XYZ	22.4860, 14.2381, 4.9321
YIQ	98.9250, 75.6470, 22.2310

Conversions

Conversions Part 2

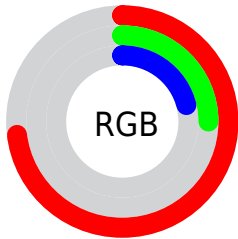
Format	Color
R_{YB}	185, 65, 53
Decimal	12140597
CIE _{Lab}	44.57, 48.15, 33.14
CIE _{LCh}	45, 58.454, 34.539
Yxy	14.2381, 0.5398, 0.3418
Android (android.graphics.Color)	4290330677 (0xFFB94035)
YUV	98.9250, -22.6410, 75.4878
Hunter-Lab	37.7334, 40.3380, 18.6636

Details

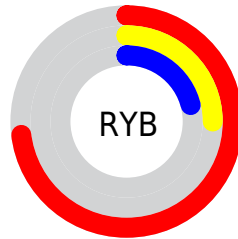
The Yxy color **14.2381, 0.5398, 0.3418** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **34.5432, 0.2282, 0.3108**, and the grayscale version is **12.5011, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.6511, 0.4867, 0.3474**, and **4.3797, 0.6282, 0.3234** is the 20% darker color. If you saturate the color by 10%, you get **12.4698, 0.5822, 0.3404**, and if you desaturate by 10%, it is **16.6554, 0.4944, 0.3416**.

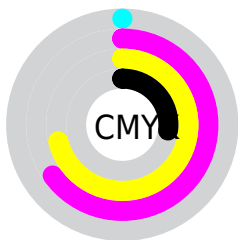
Distribution



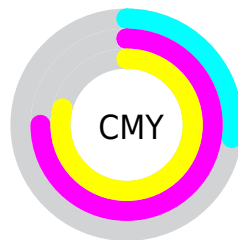
- Red (73%)
- Green (25%)
- Blue (21%)



- Red (73%)
- Yellow (25%)
- Blue (21%)



- Cyan (0%)
- Magenta (65%)
- Yellow (71%)
- Black (27%)





- Cyan (27%)
- Magenta (75%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 14.2381, 0.5398, 0.3418 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 14.2381, 0.5398, 0.3418 by changing the saturation by 10% instead.


 14.2381, 0.5398,
0.3418


 14.2381, 0.5398,
0.3418


218.7071, 0.4061,
0.3447


 8.2865, 0.5787,
0.3346


 33.5109, 0.4866,
0.3468


 4.2788, 0.6314,
0.3203

 47.6009, 0.4679,
0.3473


 1.8307, 0.7076,
0.2924

 65.1724, 0.4527,
0.3472

 0.5062, 0.7937,
0.2063

 86.6098, 0.4401,
0.3469

 0.0000, 1.0000,
0.0000

 112.2976, 0.4295,
0.3464

 0.0000, 0.0000,
0.0000

 142.6202, 0.4206,

0.3459

177.9619, 0.4128,
0.3453

■ 14.2381, 0.5398,
0.3418

■ 14.2381, 0.5398,
0.3418

■ 12.4698, 0.5822,
0.3404

■ 16.6554, 0.4944,
0.3416

■ 11.2853, 0.6151,
0.3375

■ 19.7738, 0.4512,
0.3403

■ 10.6688, 0.6338,
0.3350

■ 23.6431, 0.4130,
0.3384

■ 28.3075, 0.3807,
0.3361

■ 33.8080, 0.3541,
0.3337

■ 40.1829, 0.3324,
0.3314

■ 47.4680, 0.3148,
0.3293

■ 55.6969, 0.3005,
0.3273

■ 64.9019, 0.2889,
0.3256

Harmonies

Analogous

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



14.2381, 0.4714, 0.2710



14.2381, 0.5398, 0.3418



14.2381, 0.5253, 0.4195

Triad

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



14.2381, 0.5398, 0.3418



14.2381, 0.2464, 0.5103



14.2381, 0.1637, 0.1634

Complementary

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



14.2381, 0.5398, 0.3418



34.5432, 0.2282, 0.3108

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.



14.2381, 0.1295, 0.1846



14.2381, 0.5398, 0.3418



14.2381, 0.1659, 0.3724

Square

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



14.2381, 0.5398, 0.3418



14.2381, 0.3508, 0.5546



14.2381, 0.1288, 0.2497



14.2381, 0.2363, 0.1737

Rectangle

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



14.2381, 0.5398, 0.3418



14.2381, 0.4805, 0.4746



14.2381, 0.1288, 0.2497



14.2381, 0.1484, 0.1666

Sweetspot

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



14.2389, 0.5398, 0.3418



60.5471, 0.3541, 0.3337



16.0058, 0.3316, 0.1821



12.4391, 0.3609, 0.3343



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.



14.2389, 0.5398, 0.3418



20.9283, 0.6036, 0.3388



25.9619, 0.4632, 0.4242



9.1291, 0.3286, 0.3310



7.3095, 0.6326, 0.3359



0.2983, 0.6057, 0.3573

Inverse Universe

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



34.5432, 0.2282, 0.3108



59.1390, 0.2206, 0.3062



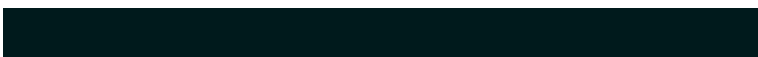
15.4576, 0.1995, 0.1948



10.0793, 0.2985, 0.3270



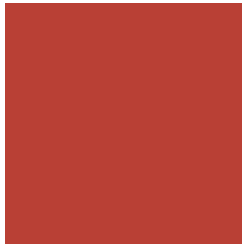
21.9118, 0.2175, 0.3031



0.8103, 0.2195, 0.3103

Previews

White Background



This preview shows how the Yxy color 14.2381, 0.5398, 0.3418 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 14.2381, 0.5398, 0.3418 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 14.2381, 0.5398, 0.3418

Background



This preview shows how black text looks on a background with the Yxy color 14.2381, 0.5398, 0.3418.



This preview shows how white text looks on a background with the Yxy color 14.2381, 0.5398, 0.3418.

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

14.2381, 0.5398, 0.3418

Protanopia

14.4263, 0.3800, 0.4100

Deuteranopia

14.4102, 0.4355, 0.4280



Tritanopia

14.2777, 0.5225, 0.3250

Trichromacy



Original Color

14.2381, 0.5398, 0.3418

Protanomaly

13.4927, 0.4402, 0.3809

Deuteranomaly

13.7805, 0.4766, 0.3907

Tritanomaly

14.3310, 0.5297, 0.3319

Monochromacy



Original Color

14.2381, 0.5398, 0.3418

Achromatopsia

12.4772, 0.3127, 0.3290

Achromatomaly

12.0106, 0.3945, 0.3371

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.2381, 0.5398, 0.3418 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, 64, 53)` looks like.

```
.text, #text, p{  
    color:rgb(185, 64, 53)  
}
```

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, 64, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 64, 53) }
```

Border

The CSS property to change the border of an element to Yxy 14.2381, 0.5398, 0.3418 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, 64, 53) }
```

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

```
.border{ border-color:rgb(185, 64, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 64, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 64, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 64, 53);  
box-shadow:4px 4px 4px 4px rgb(185, 64,  
53) }
```


Background

The CSS property to change the background color of an element to Yxy 14.2381, 0.5398, 0.3418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 64, 53) }
```

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

```
.background{ background-color: rgb(185, 64,  
53) }
```

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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