

Converting Colors

$Y_{xy}(14.4279, 0.5623, 0.3751)$

Have a look what the booklet for
Yxy(14.4279, 0.5623, 0.3751)
contains.

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Color

Yxy(14.3833, 0.5631, 0.3745)

Conversions

Conversions Part 1

Format	Color
Hex	B64616
RGB	182, 70, 22
RGB Percent	71%, 27%, 9%
CMY	0.2863, 0.7255, 0.9136
CMYK	0.00, 0.62, 0.88, 0.29
HSL	18°, 78%, 40%
HSV	18°, 88%, 71%
XYZ	21.6268, 14.3833, 2.3966
YIQ	98.0160, 82.1600, 8.8160

Conversions

Conversions Part 2

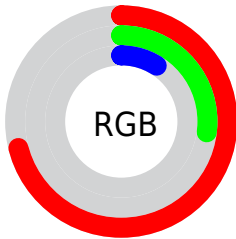
Format	Color
RYB	182, 91, 22
Decimal	11945494
CIELab	44.78, 43.28, 48.74
CIELCh	45, 65.180, 48.398
Yxy	14.3833, 0.5631, 0.3745
Android (android.graphics.Color)	4290135574 (0xFFB64616)
YUV	98.0160, -37.4759, 73.6540
Hunter-Lab	37.9253, 35.4198, 22.8011

Details

The Yxy color **14.3833, 0.5631, 0.3745** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **20.6040, 0.2030, 0.2418**, and the grayscale version is **12.2993, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.6071, 0.5098, 0.3773**, and **4.3528, 0.6273, 0.3401** is the 20% darker color. If you saturate the color by 10%, you get **12.9059, 0.5906, 0.3666**, and if you desaturate by 10%, it is **16.2477, 0.5296, 0.3782**.

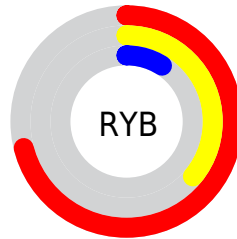
Distribution



Red (71%)

Green (27%)

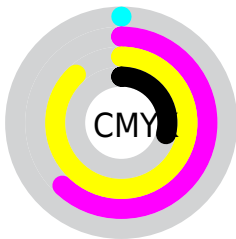
Blue (9%)



Red (71%)

Yellow (36%)

Blue (9%)

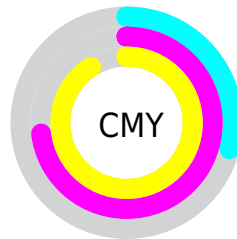


Cyan (0%)

Magenta (62%)

Yellow (88%)

Black (29%)



Cyan (29%)


Magenta (73%)


Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.3833, 0.5631, 0.3745 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 14.3833, 0.5631, 0.3745 by changing the saturation by 10% instead.


 14.3833, 0.5631,
0.3745


 14.3833, 0.5631,
0.3745


219.6025, 0.4213,
0.3653


 8.3877, 0.5989,
0.3668


 33.7676, 0.5098,
0.3774


 4.3440, 0.6478,
0.3522

 47.9251, 0.4899,
0.3763


 1.8678, 0.6892,
0.3108

 65.5721, 0.4734,
0.3746

 0.5289, 0.7711,
0.2289

 87.0929, 0.4596,
0.3727


 0.0000, 1.0000,
0.0000


 112.8720, 0.4478,
0.3708


 0.0000, 0.0000,
0.0000


 143.2937, 0.4377,

0.3689


 178.7424, 0.4290,
0.3670


 14.3833, 0.5631,
0.3745

 14.3833, 0.5631,
0.3745


 12.9059, 0.5906,
0.3666


 16.2477, 0.5296,
0.3782

 12.6384, 0.5960,
0.3650

 18.5276, 0.4930,
0.3774

 21.2492, 0.4567,
0.3732

 24.4358, 0.4229,
0.3667

 28.1087, 0.3928,
0.3590

■ 32.2878, 0.3667,
0.3508

■ 36.9921, 0.3444,
0.3426

■ 42.2392, 0.3255,
0.3348

■ 48.0462, 0.3096,
0.3275

Harmonies

Analogous

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



14.3833, 0.5342, 0.2976



14.3833, 0.5631, 0.3745



14.3833, 0.5082, 0.4618

Triad

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



14.3833, 0.5631, 0.3745



14.3833, 0.1921, 0.4672



14.3833, 0.1815, 0.1522

Complementary

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



14.3833, 0.5631, 0.3745



20.6040, 0.2030, 0.2418

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.



14.3833, 0.1283, 0.1574



14.3833, 0.5631, 0.3745



14.3833, 0.1289, 0.3041

Square

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



14.3833, 0.5631, 0.3745



14.3833, 0.2958, 0.5771



14.3833, 0.1111, 0.2009



14.3833, 0.2803, 0.1768

Rectangle

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



14.3833, 0.5631, 0.3745



14.3833, 0.4448, 0.5229



14.3833, 0.1111, 0.2009



14.3833, 0.1591, 0.1504

Sweetspot

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



14.3841, 0.5631, 0.3745



59.7213, 0.3632, 0.3496



12.3167, 0.3943, 0.2018



12.5791, 0.3716, 0.3524



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.



14.3841, 0.5631, 0.3745



22.5530, 0.5988, 0.3627



30.9763, 0.4530, 0.4689



9.4396, 0.3280, 0.3359



9.0285, 0.5939, 0.3666



0.4302, 0.5419, 0.4079

Inverse Universe

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



20.6040, 0.2030, 0.2418



33.4040, 0.1962, 0.2265



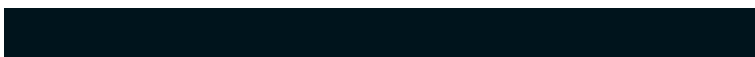
6.4435, 0.1659, 0.1046



9.7435, 0.2985, 0.3220



13.3004, 0.1971, 0.2296



0.5717, 0.2051, 0.2582

Previews

White Background



This preview shows how the Yxy color 14.3833, 0.5631, 0.3745 looks on a white background.

Color Contrast Check

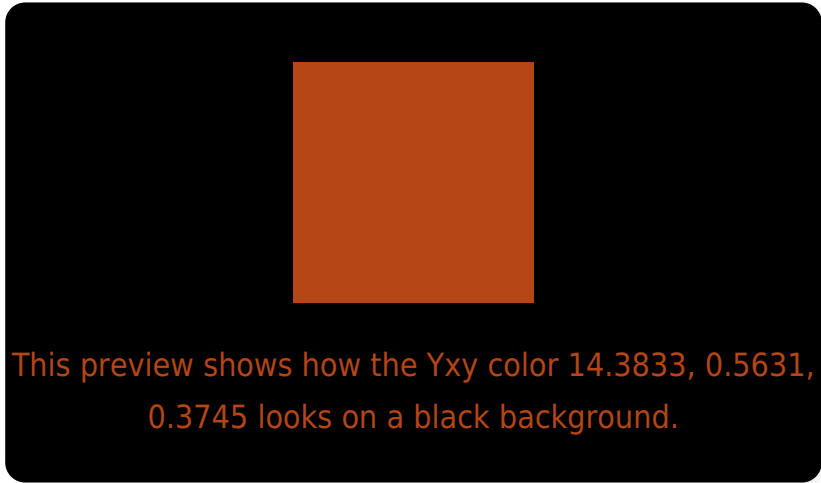
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.3833, 0.5631, 0.3745

Background



This preview shows how black text looks on a background with the Yxy color 14.3833, 0.5631, 0.3745.



This preview shows how white text looks on a background with the Yxy color 14.3833, 0.5631, 0.3745.

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

14.3833, 0.5631, 0.3745

Protanopia

14.6074, 0.4237, 0.4671

Deuteranopia

14.4583, 0.4706, 0.4646



Tritanopia

14.3934, 0.5106, 0.3259

Trichromacy



Original Color

14.3833, 0.5631, 0.3745

Protanomaly

13.9289, 0.4791, 0.4294

Deuteranomaly

14.0053, 0.5090, 0.4282

Tritanomaly

14.3295, 0.5360, 0.3467

Monochromacy



Original Color

14.3833, 0.5631, 0.3745

Achromatopsia

12.2139, 0.3127, 0.3290

Achromatomaly

12.0888, 0.4118, 0.3647

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.3833, 0.5631, 0.3745 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(182, 70, 22)` looks like.

```
.text, #text, p{  
  color:rgb(182, 70, 22)  
}
```

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(182, 70, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 70, 22) }
```

Border

The CSS property to change the border of an element to Yxy 14.3833, 0.5631, 0.3745 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(182, 70, 22) }
```

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

```
.border{ border-color:rgb(182, 70, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 70, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 70, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 70, 22);  
box-shadow:4px 4px 4px 4px rgb(182, 70,  
22) }
```


Background

The CSS property to change the background color of an element to Yxy 14.3833, 0.5631, 0.3745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 70, 22) }
```

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

```
.background{ background-color: rgb(182, 70,  
22) }
```

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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