

Converting Colors

$Y_{xy}(14.0086, 0.5785, 0.3782)$

Have a look what the booklet for
Yxy(14.0086, 0.5785, 0.3782)
contains.

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Color

Yxy(14.0838, 0.5785, 0.3782)

Conversions

Conversions Part 1

Format	Color
Hex	B74301
RGB	183, 67, 1
RGB Percent	72%, 26%, 0%
CMY	0.2823, 0.7373, 0.9960
CMYK	0.00, 0.63, 0.99, 0.28
HSL	22°, 99%, 36%
HSV	22°, 99%, 72%
XYZ	21.5428, 14.0838, 1.6124
YIQ	94.1600, 90.3220, 4.0660

Conversions

Conversions Part 2

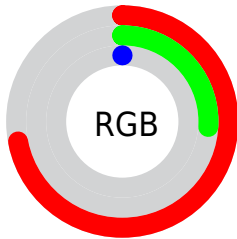
Format	Color
RYB	183, 105, 1
Decimal	12010241
CIELab	44.35, 44.71, 54.94
CIElCh	44, 70.837, 50.862
Yxy	14.0838, 0.5785, 0.3782
Android (android.graphics.Color)	4290200321 (0xFFB74301)
YUV	94.1600, -45.9279, 77.9127
Hunter-Lab	37.5284, 36.7914, 23.7224

Details

The Yxy color **14.0838, 0.5785, 0.3782** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **16.1573, 0.1908, 0.2066**, and the grayscale version is **11.3291, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.3212, 0.5244, 0.3844**, and **4.1952, 0.6342, 0.3346** is the 20% darker color. If you saturate the color by 10%, you get **14.0049, 0.5799, 0.3778**, and if you desaturate by 10%, it is **15.6601, 0.5529, 0.3861**.

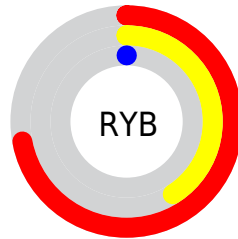
Distribution



Red (72%)

Green (26%)

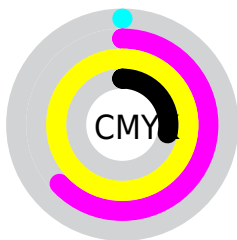
Blue (0%)



Red (72%)

Yellow (41%)

Blue (0%)

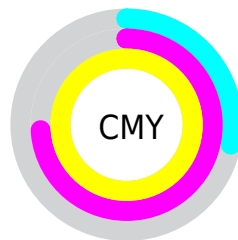


Cyan (0%)

Magenta (63%)

Yellow (99%)

Black (28%)



Cyan (28%)


Magenta (74%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 14.0838, 0.5785, 0.3782 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 14.0838, 0.5785, 0.3782 by changing the saturation by 10% instead.


 14.0838, 0.5785,
0.3782


 14.0838, 0.5785,
0.3782


 217.7515, 0.4310,
0.3712

 8.1790, 0.6166,
0.3698

 33.2376, 0.5247,
0.3835


 4.2097, 0.6537,
0.3463

 47.2555, 0.5041,
0.3828


 1.7915, 0.6966,
0.3034

 64.7464, 0.4868,
0.3813

 0.4819, 0.7857,
0.2143

 86.0948, 0.4721,
0.3793


 0.0000, 1.0000,
0.0000


 111.6851, 0.4595,
0.3773

 0.0000, 0.0000,
0.0000

 141.9018, 0.4487,


0.3752

 177.1291, 0.4392,
0.3731


 14.0838, 0.5785,
0.3782


 14.0838, 0.5785,
0.3782


 14.0049, 0.5799,
0.3778

 15.6601, 0.5529,
0.3861

 17.5742, 0.5225,
0.3898

 19.8554, 0.4891,
0.3886

 22.5248, 0.4555,
0.3835

 25.6015, 0.4236,
0.3758

■ 29.1029, 0.3947,
0.3666

■ 33.0455, 0.3692,
0.3567

■ 37.4449, 0.3470,
0.3469

■ 42.3157, 0.3281,
0.3374

Harmonies

Analogous

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



14.0838, 0.5601, 0.2985



14.0838, 0.5785, 0.3782



14.0838, 0.5111, 0.4736

Triad

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



14.0838, 0.5785, 0.3782



14.0838, 0.1733, 0.4664



14.0838, 0.1786, 0.1424

Complementary

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



14.0838, 0.5785, 0.3782



16.1573, 0.1908, 0.2066

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.



14.0838, 0.1202, 0.1444



14.0838, 0.5785, 0.3782



14.0838, 0.1131, 0.2872

Square

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



14.0838, 0.5785, 0.3782



14.0838, 0.2796, 0.5994



14.0838, 0.0995, 0.1844



14.0838, 0.2877, 0.1703

Rectangle

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



14.0838, 0.5785, 0.3782



14.0838, 0.4397, 0.5418



14.0838, 0.0995, 0.1844



14.0838, 0.1542, 0.1396

Sweetspot

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



14.0846, 0.5785, 0.3782



58.3934, 0.3717, 0.3578



11.4301, 0.4329, 0.2162



12.2282, 0.3821, 0.3619



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.



14.0846, 0.5785, 0.3782



24.6811, 0.5827, 0.3755



33.7507, 0.4481, 0.4820



9.5310, 0.3279, 0.3373



9.8893, 0.5777, 0.3795



0.4683, 0.5282, 0.4188

Inverse Universe

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



16.1573, 0.1908, 0.2066



28.3145, 0.1899, 0.2037



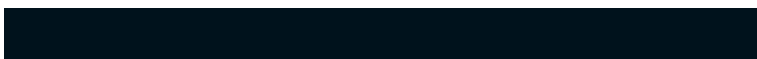
4.2719, 0.1538, 0.0731



9.6482, 0.2985, 0.3205



11.3393, 0.1910, 0.2074



0.5129, 0.2007, 0.2424

Previews

White Background



This preview shows how the Yxy color 14.0838, 0.5785, 0.3782 looks on a white background.

Color Contrast Check

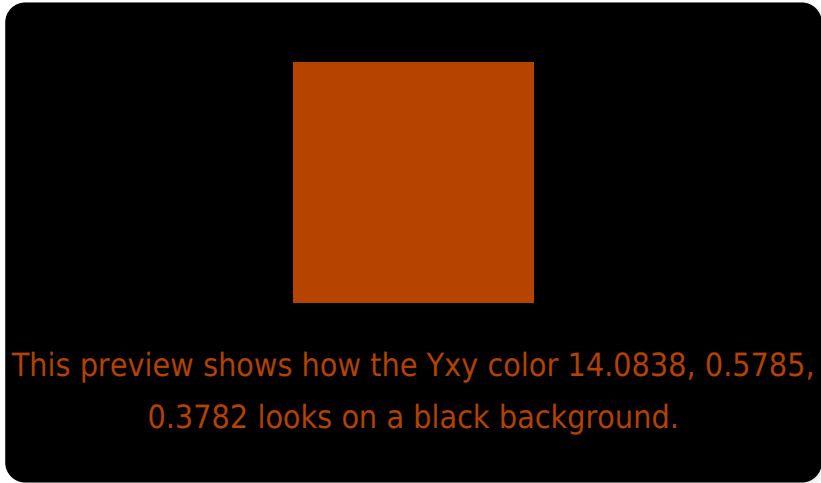
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.0838, 0.5785, 0.3782

Background



This preview shows how black text looks on a background with the Yxy color 14.0838, 0.5785, 0.3782.



This preview shows how white text looks on a background with the Yxy color 14.0838, 0.5785, 0.3782.

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

14.0838, 0.5785, 0.3782

Protanopia

14.2770, 0.4315, 0.4783

Deuteranopia

14.1009, 0.4696, 0.4653



Tritanopia

14.0289, 0.5205, 0.3249

Trichromacy



Original Color

14.0838, 0.5785, 0.3782

Protanomaly

13.4316, 0.4913, 0.4385

Deuteranomaly

13.5588, 0.5148, 0.4295

Tritanomaly

14.0243, 0.5535, 0.3525

Monochromacy



Original Color

14.0838, 0.5785, 0.3782

Achromatopsia

11.1932, 0.3127, 0.3290

Achromatomaly

11.1025, 0.4276, 0.3770

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.0838, 0.5785, 0.3782 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(183, 67, 1)` looks like.

```
.text, #text, p{  
    color:rgb(183, 67, 1)  
}
```

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(183, 67, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 67, 1) }
```

Border

The CSS property to change the border of an element to Yxy 14.0838, 0.5785, 0.3782 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(183, 67, 1) }
```

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

```
.border{ border-color:rgb(183, 67, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 67, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 67, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 67, 1);  
box-shadow:4px 4px 4px 4px rgb(183, 67, 1)  
}
```


Background

The CSS property to change the background color of an element to Yxy 14.0838, 0.5785, 0.3782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 67, 1) }
```

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

```
.background{ background-color: rgb(183, 67,  
1) }
```

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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