

Converting Colors

$Y_{xy}(14.3865, 0.5667, 0.3707)$

Have a look what the booklet for
Yxy(14.3865, 0.5667, 0.3707)
contains.

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Color

Yxy(14.3865, 0.5667, 0.3707)

Conversions

Conversions Part 1

Format	Color
Hex	B84417
RGB	184, 68, 23
RGB Percent	72%, 27%, 9%
CMY	0.2783, 0.7334, 0.9097
CMYK	0.00, 0.63, 0.87, 0.28
HSL	17°, 78%, 41%
HSV	17°, 87%, 72%
XYZ	21.9931, 14.3865, 2.4294
YIQ	97.5540, 83.5810, 10.5970

Conversions

Conversions Part 2

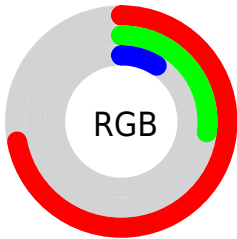
Format	Color
RYB	184, 85, 23
Decimal	12076055
CIELab	44.78, 44.97, 48.49
CIELCh	45, 66.135, 47.158
Yxy	14.3865, 0.5667, 0.3707
Android (android.graphics.Color)	4290266135 (0xFFB84417)
YUV	97.5540, -36.7551, 75.8131
Hunter-Lab	37.9295, 37.1248, 22.7531

Details

The Yxy color **14.3865, 0.5667, 0.3707** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **22.1266, 0.2049, 0.2485**, and the grayscale version is **12.1746, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.9168, 0.5122, 0.3747**, and **4.3629, 0.6335, 0.3352** is the 20% darker color. If you saturate the color by 10%, you get **12.9091, 0.5946, 0.3629**, and if you desaturate by 10%, it is **16.2778, 0.5322, 0.3744**.

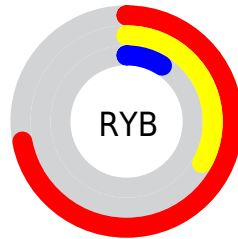
Distribution



Red (72%)

Green (27%)

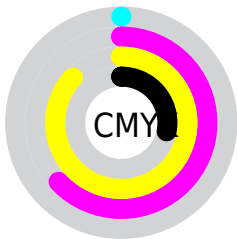
Blue (9%)



Red (72%)

Yellow (33%)

Blue (9%)

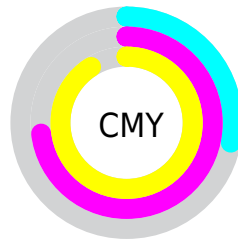


Cyan (0%)

Magenta (63%)

Yellow (87%)

Black (28%)



Cyan (28%)


Magenta (73%)

Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.3865, 0.5667, 0.3707 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 14.3865, 0.5667, 0.3707 by changing the saturation by 10% instead.


 14.3865, 0.5667,
0.3707


 14.3865, 0.5667,
0.3707


219.6222, 0.4228,
0.3639


 8.3900, 0.6031,
0.3622


 33.7733, 0.5125,
0.3745


 4.3455, 0.6531,
0.3469

 47.9323, 0.4924,
0.3738


 1.8686, 0.6953,
0.3047

 65.5809, 0.4757,
0.3724

 0.5294, 0.7777,
0.2223

 87.1036, 0.4616,
0.3707

 0.0000, 1.0000,
0.0000


 112.8846, 0.4497,
0.3690

 0.0000, 0.0000,
0.0000


 143.3085, 0.4394,

0.3672


 178.7595, 0.4305,
0.3655


 14.3865, 0.5667,
0.3707


 14.3865, 0.5667,
0.3707

 12.9091, 0.5946,
0.3629

 16.2778, 0.5322,
0.3744

 12.5950, 0.6011,
0.3610

 18.6139, 0.4947,
0.3738

 21.4238, 0.4575,
0.3700

 24.7329, 0.4231,
0.3639

 28.5647, 0.3925,
0.3567

■ 32.9414, 0.3661,
0.3490

■ 37.8836, 0.3437,
0.3414

■ 43.4108, 0.3248,
0.3341

■ 49.5417, 0.3090,
0.3273

Harmonies

Analogous

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



14.3865, 0.5339, 0.2937



14.3865, 0.5667, 0.3707



14.3865, 0.5132, 0.4584

Triad

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



14.3865, 0.5667, 0.3707



14.3865, 0.1940, 0.4764



14.3865, 0.1769, 0.1501

Complementary

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



14.3865, 0.5667, 0.3707



22.1266, 0.2049, 0.2485

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.



14.3865, 0.1251, 0.1565



14.3865, 0.5667, 0.3707



14.3865, 0.1285, 0.3094

Square

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



14.3865, 0.5667, 0.3707



14.3865, 0.2996, 0.5824



14.3865, 0.1092, 0.2021



14.3865, 0.2746, 0.1736

Rectangle

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



14.3865, 0.5667, 0.3707



14.3865, 0.4498, 0.5209



14.3865, 0.1092, 0.2021



14.3865, 0.1551, 0.1487

Sweetspot

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



14.3873, 0.5667, 0.3707



60.5950, 0.3636, 0.3482



12.7324, 0.3889, 0.1989



12.4436, 0.3720, 0.3508



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.



14.3873, 0.5667, 0.3707



22.4800, 0.6038, 0.3588



30.9533, 0.4558, 0.4660



9.4097, 0.3281, 0.3354



8.7830, 0.5989, 0.3627



0.4176, 0.5468, 0.4040

Inverse Universe

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



22.1266, 0.2049, 0.2485



36.0685, 0.1983, 0.2339



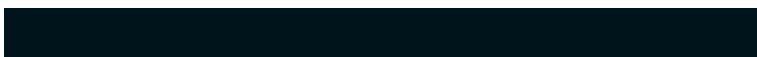
6.9378, 0.1672, 0.1089



9.7751, 0.2985, 0.3225



13.9977, 0.1991, 0.2368



0.5921, 0.2065, 0.2634

Previews

White Background



This preview shows how the Yxy color 14.3865, 0.5667, 0.3707 looks on a white background.

Color Contrast Check

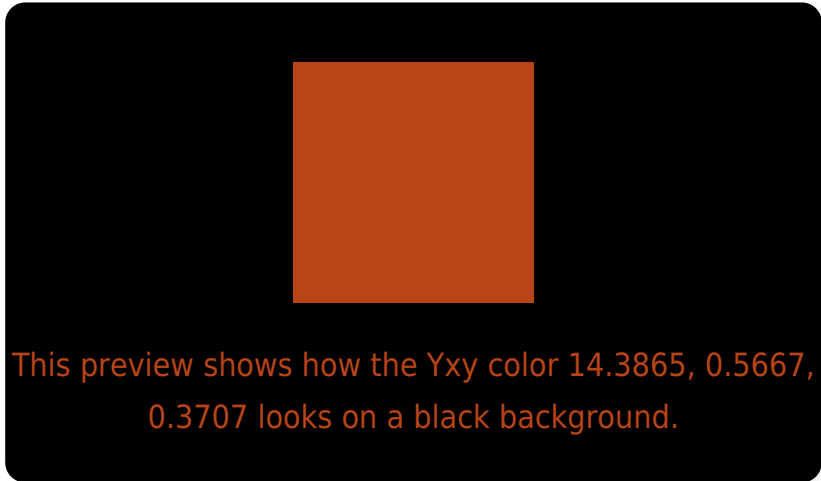
Large Text (above 18pt) WCAG AA ✓ Pass

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

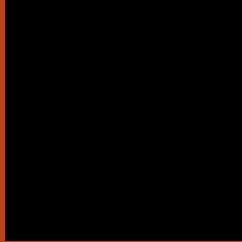
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 14.3865, 0.5667, 0.3707

Background



This preview shows how black text looks on a background with the Yxy color 14.3865, 0.5667, 0.3707.



This preview shows how white text looks on a background with the Yxy color 14.3865, 0.5667, 0.3707.

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

14.3865, 0.5667, 0.3707

Protanopia

14.6183, 0.4221, 0.4647

Deuteranopia

14.4583, 0.4706, 0.4646



Tritanopia

14.3863, 0.5180, 0.3261

Trichromacy



Original Color

14.3865, 0.5667, 0.3707

Protanomaly

13.7570, 0.4799, 0.4269

Deuteranomaly

13.9346, 0.5119, 0.4258

Tritanomaly

14.3339, 0.5415, 0.3450

Monochromacy



Original Color

14.3865, 0.5667, 0.3707

Achromatopsia

12.2139, 0.3127, 0.3290

Achromatomaly

11.9384, 0.4110, 0.3608

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.3865, 0.5667, 0.3707 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(184, 68, 23)` looks like.

```
.text, #text, p{  
    color:rgb(184, 68, 23)  
}
```

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(184, 68, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 68, 23) }
```

Border

The CSS property to change the border of an element to Yxy 14.3865, 0.5667, 0.3707 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(184, 68, 23) }
```

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

```
.border{ border-color:rgb(184, 68, 23) }
```

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

Here you see how a box with a 4 pixel rgb(184, 68, 23) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 68, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 68, 23);  
box-shadow:4px 4px 4px 4px rgb(184, 68,  
23) }
```


Background

The CSS property to change the background color of an element to Yxy 14.3865, 0.5667, 0.3707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 68, 23) }
```

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

```
.background{ background-color: rgb(184, 68,  
23) }
```

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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