

Converting Colors

$Y_{xy}(14.5678, 0.5662, 0.3716)$

Have a look what the booklet for
Yxy(14.5678, 0.5662, 0.3716)
contains.

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Color

Yxy(14.6324, 0.5660, 0.3715)

Conversions

Conversions Part 1

Format	Color
Hex	B94517
RGB	185, 69, 23
RGB Percent	73%, 27%, 9%
CMY	0.2745, 0.7294, 0.9097
CMYK	0.00, 0.63, 0.88, 0.27
HSL	17°, 78%, 41%
HSV	17°, 88%, 73%
XYZ	22.2932, 14.6324, 2.4617
YIQ	98.4400, 83.9020, 10.2860

Conversions

Conversions Part 2

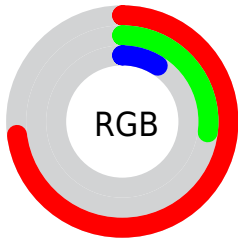
Format	Color
R_{YB}	185, 87, 23
Decimal	12141847
CIE _{Lab}	45.13, 44.88, 48.84
CIE _{LCh}	45, 66.325, 47.420
Yxy	14.6324, 0.5660, 0.3715
Android (android.graphics.Color)	4290331927 (0xFFB94517)
YUV	98.4400, -37.1919, 75.9131
Hunter-Lab	38.2523, 37.0872, 22.9610

Details

The Yxy color **14.6324, 0.5660, 0.3715** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **22.1677, 0.2045, 0.2470**, and the grayscale version is **12.4092, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.3434, 0.5121, 0.3754**, and **4.4805, 0.6318, 0.3366** is the 20% darker color. If you saturate the color by 10%, you get **13.1291, 0.5938, 0.3637**, and if you desaturate by 10%, it is **16.5513, 0.5317, 0.3752**.

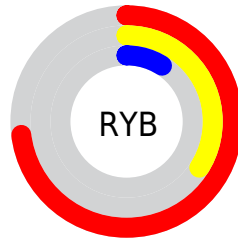
Distribution



Red (73%)

Green (27%)

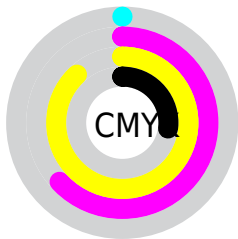
Blue (9%)



Red (73%)

Yellow (34%)

Blue (9%)

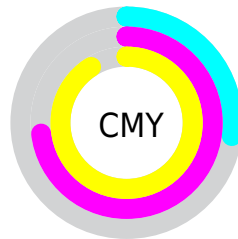


Cyan (0%)

Magenta (63%)

Yellow (88%)

Black (27%)



Cyan (27%)


Magenta (73%)


Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.6324, 0.5660, 0.3715 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 14.6324, 0.5660, 0.3715 by changing the saturation by 10% instead.


 14.6324, 0.5660,
0.3715


 14.6324, 0.5660,
0.3715


221.1303, 0.4229,
0.3643


 8.5618, 0.6020,
0.3632


 34.2070, 0.5122,
0.3752


 4.4565, 0.6516,
0.3484

 48.4798, 0.4922,
0.3744


 1.9321, 0.6931,
0.3069

 66.2554, 0.4756,
0.3729

 0.5675, 0.7709,
0.2291

 87.9183, 0.4616,
0.3712

 0.0000, 1.0000,
0.0000


 113.8529, 0.4497,
0.3694


 0.0000, 0.0000,
0.0000


 144.4435, 0.4395,


0.3676


 180.0745, 0.4306,
0.3659


 14.6324, 0.5660,
0.3715


 14.6324, 0.5660,
0.3715


 13.1291, 0.5938,
0.3637

 16.5513, 0.5317,
0.3752

 12.8162, 0.6001,
0.3617

 18.9167, 0.4944,
0.3746

 21.7575, 0.4574,
0.3707

 25.0990, 0.4230,
0.3645

 28.9648, 0.3926,
0.3572

■ 33.3769, 0.3662,
0.3494

■ 38.3560, 0.3438,
0.3417

■ 43.9215, 0.3250,
0.3343

■ 50.0921, 0.3091,
0.3274

Harmonies

Analogous

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



14.6324, 0.5340, 0.2945



14.6324, 0.5660, 0.3715



14.6324, 0.5122, 0.4591

Triad

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



14.6324, 0.5660, 0.3715



14.6324, 0.1936, 0.4745



14.6324, 0.1779, 0.1505

Complementary

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



14.6324, 0.5660, 0.3715



22.1677, 0.2045, 0.2470

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.



14.6324, 0.1257, 0.1567



14.6324, 0.5660, 0.3715



14.6324, 0.1285, 0.3082

Square

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



14.6324, 0.5660, 0.3715



14.6324, 0.2988, 0.5814



14.6324, 0.1095, 0.2018



14.6324, 0.2758, 0.1742

Rectangle

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



14.6324, 0.5660, 0.3715



14.6324, 0.4487, 0.5213



14.6324, 0.1095, 0.2018



14.6324, 0.1559, 0.1490

Sweetspot

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



14.6332, 0.5660, 0.3715



60.7194, 0.3635, 0.3485



12.7978, 0.3941, 0.2018



12.4727, 0.3719, 0.3512



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.



14.6332, 0.5660, 0.3715



22.6080, 0.6028, 0.3596



32.1647, 0.4527, 0.4688



9.4161, 0.3281, 0.3355



8.8344, 0.5978, 0.3635



0.4203, 0.5458, 0.4049

Inverse Universe

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



22.1677, 0.2045, 0.2470



35.6614, 0.1979, 0.2323



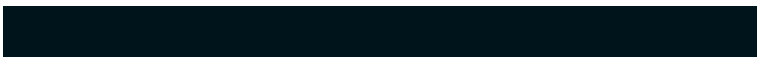
6.7252, 0.1661, 0.1051



9.7683, 0.2985, 0.3224



13.8452, 0.1987, 0.2353



0.5876, 0.2062, 0.2623

Previews

White Background



This preview shows how the Yxy color 14.6324, 0.5660, 0.3715 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 14.6324, 0.5660, 0.3715 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

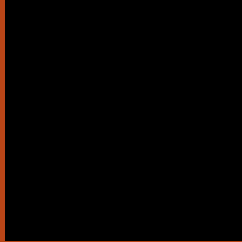
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.6324, 0.5660, 0.3715

Background



This preview shows how black text looks on a background with the Yxy color 14.6324, 0.5660, 0.3715.



This preview shows how white text looks on a background with the Yxy color 14.6324, 0.5660, 0.3715.

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

14.6324, 0.5660, 0.3715

Protanopia

14.8999, 0.4223, 0.4653

Deuteranopia

14.7370, 0.4702, 0.4649



Tritanopia

14.6371, 0.5164, 0.3260

Trichromacy



Original Color

14.6324, 0.5660, 0.3715

Protanomaly

14.0234, 0.4796, 0.4277

Deuteranomaly

14.1999, 0.5113, 0.4264

Tritanomaly

14.5835, 0.5399, 0.3451

Monochromacy



Original Color

14.6324, 0.5660, 0.3715

Achromatopsia

12.2139, 0.3127, 0.3290

Achromatomaly

12.0171, 0.4127, 0.3606

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.6324, 0.5660, 0.3715 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, 69, 23)` looks like.

```
.text, #text, p{  
    color:rgb(185, 69, 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(185, 69, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 69, 23) }
```

Border

The CSS property to change the border of an element to Yxy 14.6324, 0.5660, 0.3715 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, 69, 23) }
```

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

```
.border{ border-color:rgb(185, 69, 23) }
```

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

Here you see how a box with a 4 pixel rgb(185, 69, 23) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 69, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 69, 23);  
box-shadow:4px 4px 4px 4px rgb(185, 69,  
23) }
```


Background

The CSS property to change the background color of an element to Yxy 14.6324, 0.5660, 0.3715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 69, 23) }
```

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

```
.background{ background-color: rgb(185, 69,  
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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