

Converting Colors

$Y_{xy}(14.2731, 0.5316, 0.4131)$

Have a look what the booklet for
Yxy(14.2731, 0.5316, 0.4131)
contains.

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Color

Yxy(14.2923, 0.5315, 0.4134)

Conversions

Conversions Part 1

Format	Color
Hex	A35504
RGB	163, 85, 4
RGB Percent	64%, 33%, 2%
CMY	0.3608, 0.6667, 0.9843
CMYK	0.00, 0.48, 0.98, 0.36
HSL	31°, 95%, 33%
HSV	31°, 98%, 64%
XYZ	18.3753, 14.2923, 1.9049
YIQ	99.0880, 72.4890, -8.6550

Conversions

Conversions Part 2

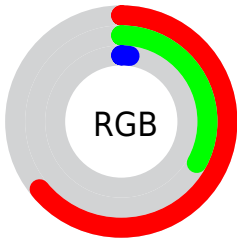
Format	Color
RYB	157, 163, 4
Decimal	10704132
CIELab	44.65, 27.69, 52.65
CIELCh	45, 59.487, 62.254
Yxy	14.2923, 0.5315, 0.4134
Android (android.graphics.Color)	4288894212 (0xFFA35504)
YUV	99.0880, -46.8784, 56.0508
Hunter-Lab	37.8052, 20.6015, 23.4761

Details

The Yxy color **14.2923, 0.5315, 0.4134** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **8.7051, 0.1786, 0.1606**, and the grayscale version is **12.6081, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.7925, 0.4867, 0.4072**, and **4.3293, 0.5701, 0.3855** is the 20% darker color. If you saturate the color by 10%, you get **13.9796, 0.5366, 0.4121**, and if you desaturate by 10%, it is **15.6670, 0.5105, 0.4177**.

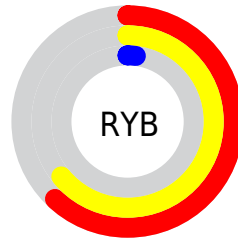
Distribution



Red (64%)

Green (33%)

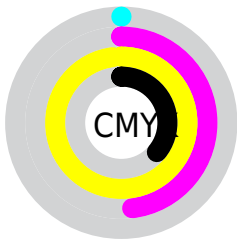
Blue (2%)



Red (62%)

Yellow (64%)

Blue (2%)

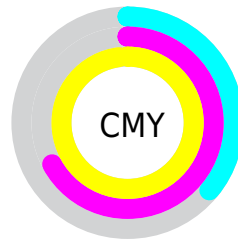


Cyan (0%)

Magenta (48%)

Yellow (98%)

Black (36%)



Cyan (36%)

Magenta (67%)

Yellow (98%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.2923, 0.5315, 0.4134 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 14.2923, 0.5315, 0.4134 by changing the saturation by 10% instead.


 14.2923, 0.5315,
0.4134


 14.2923, 0.5315,
0.4134


 219.0417, 0.4098,
0.3803


 8.3242, 0.5621,
0.4133


 33.6068, 0.4868,
0.4069


 4.3031, 0.5962,
0.4038


 47.7220, 0.4698,
0.4025

 1.8445, 0.6272,
0.3728

 65.3217, 0.4555,
0.3980


 0.5147, 0.7013,
0.2987

 86.7903, 0.4434,
0.3938


 0.0000, 1.0000,
0.0000


 112.5122, 0.4331,
0.3900

 0.0000, 0.0000,
0.0000


 142.8719, 0.4242,


0.3865

 178.2536, 0.4165,
0.3833


 14.2923, 0.5315,
0.4134


 14.2923, 0.5315,
0.4134


 13.9796, 0.5366,
0.4121

 15.6670, 0.5105,
0.4177

 17.2244, 0.4864,
0.4171

 18.9785, 0.4602,
0.4117

 20.9388, 0.4336,
0.4027

 23.1140, 0.4077,
0.3911

■ 25.5120, 0.3836,
0.3781

■ 28.1403, 0.3615,
0.3646

■ 31.0059, 0.3419,
0.3512

■ 34.1153, 0.3244,
0.3383

Harmonies

Analogous

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



14.2923, 0.5409, 0.3356



14.2923, 0.5315, 0.4134



14.2923, 0.4597, 0.4968

Triad

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



14.2923, 0.5315, 0.4134



14.2923, 0.1685, 0.3843



14.2923, 0.2280, 0.1701

Complementary

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



14.2923, 0.5315, 0.4134



8.7051, 0.1786, 0.1606

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.



14.2923, 0.1580, 0.1619



14.2923, 0.5315, 0.4134



14.2923, 0.1279, 0.2556

Square

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



14.2923, 0.5315, 0.4134



14.2923, 0.2526, 0.5217



14.2923, 0.1263, 0.1859



14.2923, 0.3397, 0.2061

Rectangle

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



14.2923, 0.5315, 0.4134



14.2923, 0.3940, 0.5432



14.2923, 0.1263, 0.1859



14.2923, 0.2000, 0.1642

Sweetspot

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



14.2931, 0.5315, 0.4134



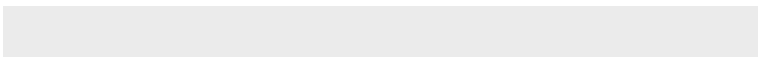
49.4236, 0.3657, 0.3673



8.5061, 0.4880, 0.2481



10.6661, 0.3746, 0.3728



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



14.2931, 0.5315, 0.4134



24.6328, 0.5392, 0.4100



33.9914, 0.4187, 0.5043



7.6545, 0.3273, 0.3405



10.9554, 0.5352, 0.4132



0.3246, 0.4835, 0.4543

Inverse Universe

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



8.7051, 0.1786, 0.1606



14.6018, 0.1759, 0.1531



2.7571, 0.1514, 0.0622



7.4068, 0.2987, 0.3173



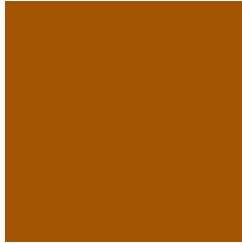
6.6003, 0.1772, 0.1578



0.2333, 0.1959, 0.2251

Previews

White Background



This preview shows how the Yxy color 14.2923, 0.5315, 0.4134 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 14.2923, 0.5315, 0.4134

Background



This preview shows how black text looks on a background with the Yxy color 14.2923, 0.5315, 0.4134.



This preview shows how white text looks on a background with the Yxy color 14.2923, 0.5315, 0.4134.

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

14.2923, 0.5315, 0.4134

Protanopia

14.5402, 0.4338, 0.4822

Deuteranopia

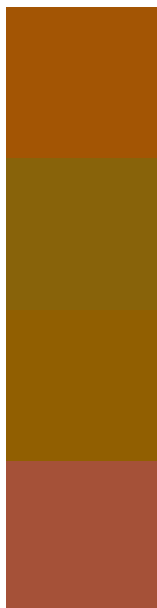
14.3757, 0.4692, 0.4657



Tritanopia

14.3548, 0.4498, 0.3203

Trichromacy



Original Color

14.2923, 0.5315, 0.4134

Protanomaly

14.1798, 0.4717, 0.4559

Deuteranomaly

14.2064, 0.4942, 0.4451

Tritanomaly

14.1697, 0.4940, 0.3651

Monochromacy



Original Color

14.2923, 0.5315, 0.4134

Achromatopsia

12.4772, 0.3127, 0.3290

Achromatomaly

12.5131, 0.4042, 0.3904

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.2923, 0.5315, 0.4134 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(163, 85, 4)` looks like.

```
.text, #text, p{  
    color:rgb(163, 85, 4)  
}
```

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(163, 85, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 85, 4) }
```

Border

The CSS property to change the border of an element to Yxy 14.2923, 0.5315, 0.4134 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(163, 85, 4) }
```

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

```
.border{ border-color:rgb(163, 85, 4) }
```

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

Here you see how a box with a 4 pixel rgb(163, 85, 4) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 85, 4); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 85, 4);  
box-shadow:4px 4px 4px 4px rgb(163, 85, 4)  
}
```


Background

The CSS property to change the background color of an element to Yxy 14.2923, 0.5315, 0.4134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 85, 4) }
```

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

```
.background{ background-color: rgb(163, 85,  
4) }
```

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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