

Converting Colors

$Y_{xy}(14.0399, 0.4610, 0.3353)$

Have a look what the booklet for
Yxy(14.0399, 0.4610, 0.3353)
contains.

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Color

Yxy(14.0457, 0.4606, 0.3356)

Conversions

Conversions Part 1

Format	Color
Hex	A3504C
RGB	163, 80, 76
RGB Percent	64%, 31%, 30%
CMY	0.3608, 0.6863, 0.7020
CMYK	0.00, 0.51, 0.53, 0.36
HSL	3°, 36%, 47%
HSV	3°, 53%, 64%
XYZ	19.2773, 14.0457, 8.5295
YIQ	104.3610, 50.7520, 16.3520

Conversions

Conversions Part 2

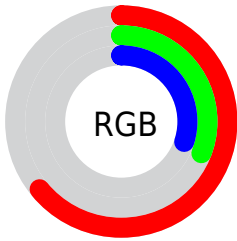
Format	Color
RYB	163, 80, 76
Decimal	10702924
CIELab	44.30, 33.86, 18.39
CIELCh	44, 38.532, 28.502
Yxy	14.0457, 0.4606, 0.3356
Android (android.graphics.Color)	4288893004 (0xFFA3504C)
YUV	104.3610, -13.9820, 51.4264
Hunter-Lab	37.4776, 26.2288, 12.7405

Details

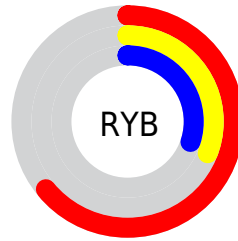
The Yxy color **14.0457, 0.4606, 0.3356** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **28.9696, 0.2442, 0.3217**, and the grayscale version is **13.9736, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.0854, 0.4235, 0.3365**, and **4.2101, 0.5305, 0.3278** is the 20% darker color. If you saturate the color by 10%, you get **11.8284, 0.5052, 0.3362**, and if you desaturate by 10%, it is **16.8487, 0.4207, 0.3345**.

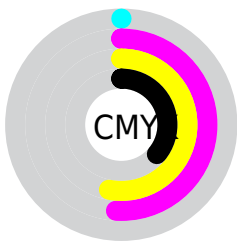
Distribution



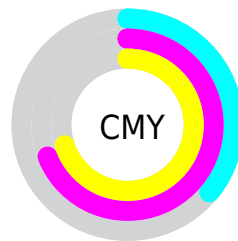
- Red (64%)
- Green (31%)
- Blue (30%)



- Red (64%)
- Yellow (31%)
- Blue (30%)



- Cyan (0%)
- Magenta (51%)
- Yellow (53%)
- Black (36%)




- Cyan (36%)
- Magenta (69%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.0457, 0.4606, 0.3356 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 14.0457, 0.4606, 0.3356 by changing the saturation by 10% instead.


 14.0457, 0.4606,
0.3356


 14.0457, 0.4606,
0.3356


217.5149, 0.3716,
0.3355


 8.1525, 0.4894,
0.3331


 33.1701, 0.4238,
0.3370


 4.1927, 0.5309,
0.3274


 47.1700, 0.4114,
0.3370

 1.7819, 0.6037,
0.3181

 64.6410, 0.4014,
0.3368

 0.4759, 0.7406,
0.2594

 85.9674, 0.3933,
0.3366

 0.0000, 1.0000,
0.0000

 111.5336, 0.3865,
0.3363

 0.0000, 0.0000,
0.0000

141.7240, 0.3807,

0.3361

176.9230, 0.3758,
0.3358

■ 14.0457, 0.4606,
0.3356

■ 14.0457, 0.4606,
0.3356

■ 11.8284, 0.5052,
0.3362

■ 16.8487, 0.4207,
0.3345

■ 10.1532, 0.5511,
0.3362

■ 20.2725, 0.3869,
0.3332

■ 8.9743, 0.5924,
0.3352

■ 24.3519, 0.3590,
0.3319

■ 8.2371, 0.6225,
0.3334

■ 29.1188, 0.3364,
0.3306

■ 7.9502, 0.6362,
0.3331

■ 34.6027, 0.3181,
0.3294

■ 40.8316, 0.3033,
0.3283

■ 47.8318, 0.2913,
0.3273

■ 55.6285, 0.2815,
0.3264

■ 64.2457, 0.2734,
0.3255

Harmonies

Analogous

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



14.0457, 0.4042, 0.2809



14.0457, 0.4606, 0.3356



14.0457, 0.4686, 0.3941

Triad

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



14.0457, 0.4606, 0.3356



14.0457, 0.2874, 0.4536



14.0457, 0.1981, 0.2109

Complementary

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



14.0457, 0.4606, 0.3356



28.9696, 0.2442, 0.3217

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.



14.0457, 0.1765, 0.2365



14.0457, 0.4606, 0.3356



14.0457, 0.2221, 0.3781

Square

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



14.0457, 0.4606, 0.3356



14.0457, 0.3638, 0.4770



14.0457, 0.1839, 0.2941



14.0457, 0.2481, 0.2126

Rectangle

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



14.0457, 0.4606, 0.3356



14.0457, 0.4474, 0.4313



14.0457, 0.1839, 0.2941



14.0457, 0.1877, 0.2161

Sweetspot

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



14.0464, 0.4606, 0.3356



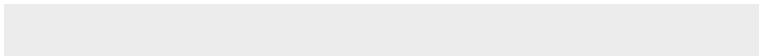
49.5319, 0.3425, 0.3310



15.4950, 0.3224, 0.2078



10.7450, 0.3468, 0.3312



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.



14.0464, 0.4606, 0.3356



20.5729, 0.5135, 0.3363



22.3242, 0.4208, 0.4012



7.1360, 0.3284, 0.3301



6.1974, 0.6356, 0.3335



0.1451, 0.6156, 0.3494

Inverse Universe

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



28.9696, 0.2442, 0.3217



50.1297, 0.2346, 0.3199



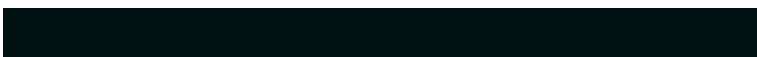
16.8080, 0.2280, 0.2409



7.9549, 0.2988, 0.3279



20.4142, 0.2208, 0.3148



0.4449, 0.2223, 0.3202

Previews

White Background



This preview shows how the Yxy color 14.0457, 0.4606, 0.3356 looks on a white background.

Color Contrast Check

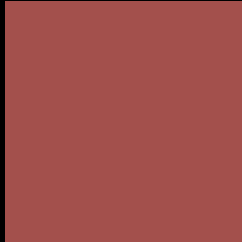
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.0457, 0.4606, 0.3356 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

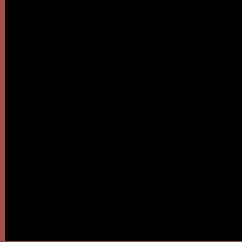
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.0457, 0.4606, 0.3356

Background



This preview shows how black text looks on a background with the Yxy color 14.0457, 0.4606, 0.3356.



This preview shows how white text looks on a background with the Yxy color 14.0457, 0.4606, 0.3356.

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

14.0457, 0.4606, 0.3356

Protanopia

14.1708, 0.3457, 0.3676

Deuteranopia

14.2109, 0.3926, 0.3867



Tritanopia

14.1246, 0.4488, 0.3217

Trichromacy



Original Color

14.0457, 0.4606, 0.3356

Protanomaly

13.7361, 0.3860, 0.3546

Deuteranomaly

13.7987, 0.4182, 0.3660

Tritanomaly

14.0786, 0.4541, 0.3264

Monochromacy



Original Color

14.0457, 0.4606, 0.3356

Achromatopsia

13.8432, 0.3127, 0.3290

Achromatomaly

13.3525, 0.3613, 0.3312

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.0457, 0.4606, 0.3356 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, 80, 76)` looks like.

```
.text, #text, p{  
  color:rgb(163, 80, 76)  
}
```

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, 80, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 80, 76) }
```

Border

The CSS property to change the border of an element to Yxy 14.0457, 0.4606, 0.3356 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, 80, 76) }
```

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

```
.border{ border-color:rgb(163, 80, 76) }
```

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

Here you see how a box with a 4 pixel rgb(163, 80, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 80, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 80, 76);  
box-shadow:4px 4px 4px 4px rgb(163, 80,  
76) }
```


Background

The CSS property to change the background color of an element to Yxy 14.0457, 0.4606, 0.3356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 80, 76) }
```

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

```
.background{ background-color: rgb(163, 80,  
76) }
```

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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