

Converting Colors

$Yxy(14.5305, 0.4709, 0.4096)$

Have a look what the booklet for
Yxy(14.5305, 0.4709, 0.4096)
contains.

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Color

Yxy(14.4757, 0.4713, 0.4097)

Conversions

Conversions Part 1

Format	Color
Hex	945E2B
RGB	148, 94, 43
RGB Percent	58%, 37%, 17%
CMY	0.4196, 0.6314, 0.8313
CMYK	0.00, 0.36, 0.71, 0.42
HSL	29°, 55%, 37%
HSV	29°, 71%, 58%
XYZ	16.6522, 14.4757, 4.2046
YIQ	104.3320, 48.5550, -4.4130

Conversions

Conversions Part 2

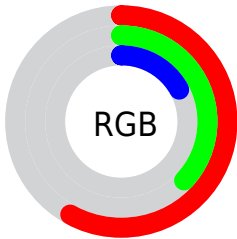
Format	Color
R_{YB}	148, 142, 43
Decimal	9723435
CIE Lab	44.91, 17.25, 37.41
CIE LCh	45, 41.196, 65.252
Yxy	14.4757, 0.4713, 0.4097
Android (android.graphics.Color)	4287913515 (0xFF945E2B)
YUV	104.3320, -30.2367, 38.2968
Hunter-Lab	38.0469, 11.5427, 20.0807

Details

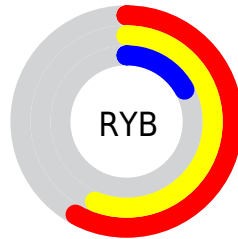
The Yxy color **14.4757, 0.4713, 0.4097** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **11.2071, 0.2064, 0.2178**, and the grayscale version is **14.0112, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.1279, 0.4351, 0.3964**, and **4.4411, 0.5268, 0.4199** is the 20% darker color. If you saturate the color by 10%, you get **13.0988, 0.4980, 0.4133**, and if you desaturate by 10%, it is **16.0271, 0.4438, 0.4021**.

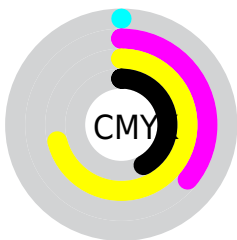
Distribution



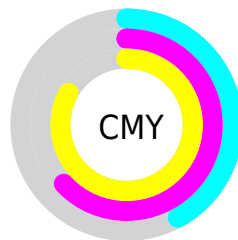
- Red (58%)
- Green (37%)
- Blue (17%)



- Red (58%)
- Yellow (56%)
- Blue (17%)



- Cyan (0%)
- Magenta (36%)
- Yellow (71%)
- Black (42%)




- Cyan (42%)
- Magenta (63%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 14.4757, 0.4713, 0.4097 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 14.4757, 0.4713, 0.4097 by changing the saturation by 10% instead.


 14.4757, 0.4713,
0.4097


 14.4757, 0.4713,
0.4097


220.1704, 0.3792,
0.3688


 8.4523, 0.4973,
0.4170


 33.9307, 0.4350,
0.3960


 4.3857, 0.5361,
0.4263

 48.1311, 0.4222,
0.3903

 1.8916, 0.5780,
0.4220


 65.8259, 0.4116,
0.3854

 0.5433, 0.6340,
0.3660

 87.3996, 0.4029,
0.3811

 0.0000, 0.0000,
0.0000

 113.2365, 0.3955,
0.3774

 143.7210, 0.3893,

0.3742

179.2375, 0.3839,
0.3713

■ 14.4757, 0.4713,
0.4097

■ 14.4757, 0.4713,
0.4097

■ 13.0988, 0.4980,
0.4133

■ 16.0271, 0.4438,
0.4021

■ 11.8858, 0.5223,
0.4120

■ 17.7584, 0.4169,
0.3918

■ 10.9136, 0.5423,
0.4076

■ 19.6771, 0.3917,
0.3798

■ 21.7897, 0.3687,
0.3671

■ 24.1024, 0.3482,
0.3543

■ 26.6209, 0.3300,
0.3419

■ 29.3507, 0.3141,
0.3301

■ 32.2971, 0.3002,
0.3190

■ 35.4651, 0.2881,
0.3088

Harmonies

Analogous

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



14.4757, 0.4757, 0.3486



14.4757, 0.4713, 0.4097



14.4757, 0.4220, 0.4637

Triad

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



14.4757, 0.4713, 0.4097



14.4757, 0.2053, 0.3595



14.4757, 0.2601, 0.2110

Complementary

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



14.4757, 0.4713, 0.4097



11.2071, 0.2064, 0.2178

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.



14.4757, 0.2016, 0.2032



14.4757, 0.4713, 0.4097



14.4757, 0.1731, 0.2748

Square

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



14.4757, 0.4713, 0.4097



14.4757, 0.2681, 0.4474



14.4757, 0.1726, 0.2226



14.4757, 0.3427, 0.2418

Rectangle

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



14.4757, 0.4713, 0.4097



14.4757, 0.3740, 0.4844



14.4757, 0.1726, 0.2226



14.4757, 0.2374, 0.2057

Sweetspot

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



14.4764, 0.4713, 0.4097



42.3171, 0.3491, 0.3549



8.8939, 0.4186, 0.2441



9.4215, 0.3540, 0.3581



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



14.4764, 0.4713, 0.4097



21.8422, 0.5125, 0.4132



27.1063, 0.4073, 0.4807



6.2524, 0.3271, 0.3398



9.3760, 0.5414, 0.4083



0.1733, 0.4791, 0.4578

Inverse Universe

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



11.2071, 0.2064, 0.2178



15.6867, 0.1897, 0.1888



4.5123, 0.1805, 0.1120



6.0967, 0.2989, 0.3180



6.3119, 0.1796, 0.1665



0.1363, 0.2006, 0.2423

Previews

White Background



This preview shows how the Yxy color 14.4757, 0.4713, 0.4097 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 14.4757, 0.4713, 0.4097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

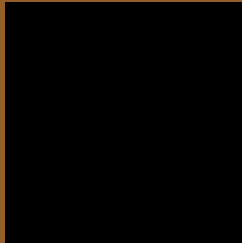
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.4757, 0.4713, 0.4097

Background



This preview shows how black text looks on a background with the Yxy color 14.4757, 0.4713, 0.4097.



This preview shows how white text looks on a background with the Yxy color 14.4757, 0.4713, 0.4097.

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

14.4757, 0.4713, 0.4097

Protanopia

14.6426, 0.4075, 0.4460

Deuteranopia

14.4540, 0.4423, 0.4342



Tritanopia

14.3850, 0.4040, 0.3173

Trichromacy



Original Color

14.4757, 0.4713, 0.4097

Protanomaly

14.4458, 0.4313, 0.4311

Deuteranomaly

14.3058, 0.4528, 0.4243

Tritanomaly

14.3182, 0.4327, 0.3532

Monochromacy



Original Color

14.4757, 0.4713, 0.4097

Achromatopsia

13.8432, 0.3127, 0.3290

Achromatomaly

13.7166, 0.3692, 0.3663

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.4757, 0.4713, 0.4097 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(148, 94, 43)` looks like.

```
.text, #text, p{  
    color:rgb(148, 94, 43)  
}
```

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(148, 94, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 94, 43) }
```

Border

The CSS property to change the border of an element to Yxy 14.4757, 0.4713, 0.4097 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(148, 94, 43) }
```

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

```
.border{ border-color:rgb(148, 94, 43) }
```

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

Here you see how a box with a 4 pixel rgb(148, 94, 43) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 94, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 94, 43);  
box-shadow:4px 4px 4px 4px rgb(148, 94,  
43) }
```


Background

The CSS property to change the background color of an element to Yxy 14.4757, 0.4713, 0.4097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 94, 43) }
```

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

```
.background{ background-color: rgb(148, 94,  
43) }
```

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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