

# Converting Colors

$Y_{xy}(14.5089, 0.4207, 0.3642)$

Have a look what the booklet for  
Yxy(14.5089, 0.4207, 0.3642)  
contains.

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**Color**

**Yxy(14.6217, 0.4208, 0.3649)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	905F4B
RGB	144, 95, 75
RGB Percent	56%, 37%, 29%
CMY	0.4353, 0.6274, 0.7059
CMYK	0.00, 0.34, 0.48, 0.44
HSL	17°, 32%, 43%
HSV	17°, 48%, 56%
XYZ	16.8616, 14.6217, 8.5871
YIQ	107.3710, 35.6240, 4.1680

# Conversions

## Conversions Part 2

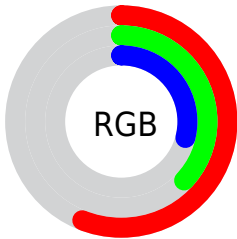
Format	Color
<a href="#">RYB</a>	<a href="#">144, 103, 75</a>
Decimal	<a href="#">9461579</a>
CIELab	<a href="#">45.11, 17.53, 19.60</a>
CIELCh	<a href="#">45, 26.296, 48.179</a>
Yxy	<a href="#">14.6217, 0.4208, 0.3649</a>
Android (android.graphics.Color)	<a href="#">4287651659</a> ( <a href="#">0xFF905F4B</a> )
YUV	<a href="#">107.3710, -15.9589, 32.1236</a>
Hunter-Lab	<a href="#">38.2383, 11.7946, 13.4522</a>

# Details

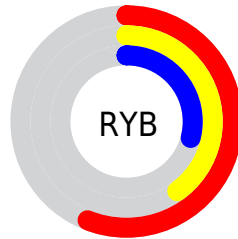
The Yxy color **14.6217, 0.4208, 0.3649** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **17.9134, 0.2438, 0.2885**, and the grayscale version is **14.8493, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.2924, 0.3942, 0.3582**, and **4.4370, 0.4717, 0.3725** is the 20% darker color. If you saturate the color by 10%, you get **12.7249, 0.4540, 0.3712**, and if you desaturate by 10%, it is **16.8061, 0.3913, 0.3575**.

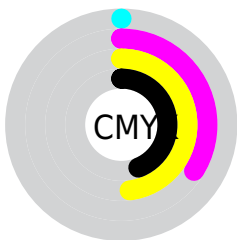
# Distribution



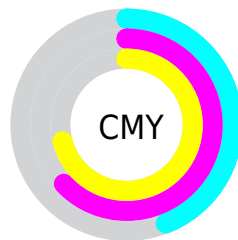
- Red (56%)
- Green (37%)
- Blue (29%)



- Red (56%)
- Yellow (40%)
- Blue (29%)



- Cyan (0%)
- Magenta (34%)
- Yellow (48%)
- Black (44%)




- Cyan (44%)
- Magenta (63%)
- Yellow (71%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 14.6217, 0.4208, 0.3649 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 14.6217, 0.4208, 0.3649 by changing the saturation by 10% instead.





 14.6217, 0.4208,  
0.3649


 14.6217, 0.4208,  
0.3649


221.0649, 0.3561,  
0.3460


 8.5543, 0.4416,  
0.3693


 34.1881, 0.3941,  
0.3580


 4.4516, 0.4718,  
0.3740

 48.4560, 0.3851,  
0.3554


 1.9293, 0.5269,  
0.3834

 66.2262, 0.3779,  
0.3532

 0.5659, 0.6321,  
0.3679

 87.8830, 0.3720,  
0.3513

 0.0000, 0.0000,  
0.0000

 113.8109, 0.3670,  
0.3497

144.3942, 0.3628,

0.3483

180.0174, 0.3592,  
0.3471

■ 14.6217, 0.4208,  
0.3649

■ 14.6217, 0.4208,  
0.3649

■ 12.7249, 0.4540,  
0.3712

■ 16.8061, 0.3913,  
0.3575

■ 11.1012, 0.4898,  
0.3754

■ 19.2877, 0.3657,  
0.3497

■ 9.7380, 0.5263,  
0.3765


■ 22.0779, 0.3438,  
0.3420


■ 8.6206, 0.5602,  
0.3735


■ 25.1872, 0.3253,  
0.3345

■ 7.7296, 0.5892,  
0.3669

■ 28.6254, 0.3097,  
0.3276

 7.5693, 0.5951,  
0.3657

 32.4020, 0.2965,  
0.3212

 36.5259, 0.2853,  
0.3153

 41.0059, 0.2758,  
0.3099

 45.8504, 0.2677,  
0.3051

# Harmonies

## Analogous

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



14.6217, 0.4022, 0.3225



14.6217, 0.4208, 0.3649



14.6217, 0.4073, 0.4032

# Triad

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



14.6217, 0.4208, 0.3649



14.6217, 0.2656, 0.3805



14.6217, 0.2539, 0.2437

# Complementary

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



14.6217, 0.4208, 0.3649



17.9134, 0.2438, 0.2885

# 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.



14.6217, 0.2238, 0.2506



14.6217, 0.4208, 0.3649



14.6217, 0.2297, 0.3259

# Square

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



14.6217, 0.4208, 0.3649



14.6217, 0.3161, 0.4194



14.6217, 0.2154, 0.2786



14.6217, 0.3017, 0.2560



# Rectangle

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



14.6217, 0.4208, 0.3649



14.6217, 0.3833, 0.4210



14.6217, 0.2154, 0.2786



14.6217, 0.2417, 0.2437

# Sweetspot

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



14.6224, 0.4208, 0.3649



40.8765, 0.3367, 0.3392



12.4243, 0.3481, 0.2446



9.1341, 0.3405, 0.3407



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290



# Same Dimension

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



14.6224, 0.4208, 0.3649



22.0592, 0.4584, 0.3719



22.1459, 0.3920, 0.4209



5.6633, 0.3275, 0.3354



6.6294, 0.5941, 0.3664



0.0976, 0.5213, 0.4243



# Inverse Universe

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



17.9134, 0.2438, 0.2885



28.5594, 0.2302, 0.2770



10.8097, 0.2305, 0.2151



5.8555, 0.2990, 0.3225



10.1052, 0.1984, 0.2342



0.1346, 0.2119, 0.2829



# Previews

## White Background



This preview shows how the Yxy color 14.6217, 0.4208, 0.3649 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 14.6217, 0.4208, 0.3649 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

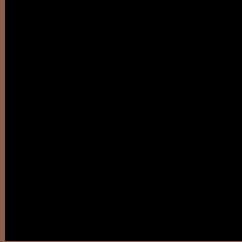
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

**Yxy 14.6217, 0.4208, 0.3649**

## **Background**



This preview shows how black text looks on a background with the Yxy color 14.6217, 0.4208, 0.3649.



This preview shows how white text looks on a background with the Yxy color 14.6217, 0.4208, 0.3649.

# 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

14.6217, 0.4208, 0.3649

### Protanopia

14.7394, 0.3604, 0.3856

### Deuteranopia

14.7841, 0.3912, 0.3859



## Tritanopia

14.6661, 0.3874, 0.3168

# Trichromacy



## Original Color

14.6217, 0.4208, 0.3649

## Protanomaly

14.6862, 0.3824, 0.3787

## Deuteranomaly

14.6771, 0.4028, 0.3784

## Tritanomaly

14.5866, 0.4000, 0.3346

# Monochromacy



## Original Color

14.6217, 0.4208, 0.3649

## Achromatopsia

14.7027, 0.3127, 0.3290

## Achromatomaly

14.5198, 0.3488, 0.3454

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 14.6217, 0.4208, 0.3649 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(144, 95, 75)` looks like.

```
.text, #text, p{  
    color:rgb(144, 95, 75)  
}
```

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(144, 95, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 95, 75) }
```

## Border

The CSS property to change the border of an element to Yxy 14.6217, 0.4208, 0.3649 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(144, 95, 75) }
```

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

```
.border{ border-color:rgb(144, 95, 75) }
```

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

Here you see how a box with a 4 pixel rgb(144, 95, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 95, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 95, 75);  
box-shadow:4px 4px 4px 4px rgb(144, 95,  
75) }
```



# Background

The CSS property to change the background color of an element to Yxy 14.6217, 0.4208, 0.3649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 95, 75) }
```

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

```
.background{ background-color: rgb(144, 95,  
75) }
```

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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