

Converting Colors

$Y_{xy}(17.6445, 0.3988, 0.4014)$

Have a look what the booklet for
Yxy(17.6445, 0.3988, 0.4014)
contains.

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Color

Yxy(17.6946, 0.3991, 0.4015)

Conversions

Conversions Part 1

Format	Color
Hex	8A7149
RGB	138, 113, 73
RGB Percent	54%, 44%, 29%
CMY	0.4588, 0.5568, 0.7138
CMYK	0.00, 0.18, 0.47, 0.46
HSL	37°, 31%, 41%
HSV	37°, 47%, 54%
XYZ	17.5888, 17.6946, 8.7878
YIQ	115.9150, 27.7400, -7.1400

Conversions

Conversions Part 2

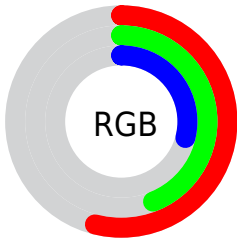
Format	Color
RYB	114, 138, 73
Decimal	9072969
CIELab	49.12, 4.22, 25.85
CIELCh	49, 26.194, 80.721
Yxy	17.6946, 0.3991, 0.4015
Android (android.graphics.Color)	4287263049 (0xFF8A7149)
YUV	115.9150, -21.1571, 19.3685
Hunter-Lab	42.0649, 1.0234, 17.0592

Details

The Yxy color **17.6946, 0.3991, 0.4015** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **11.9821, 0.2367, 0.2424**, and the grayscale version is **17.4973, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.6529, 0.3796, 0.3864**, and **5.8429, 0.4336, 0.4267** is the 20% darker color. If you saturate the color by 10%, you get **16.3827, 0.4211, 0.4154**, and if you desaturate by 10%, it is **19.1180, 0.3779, 0.3862**.

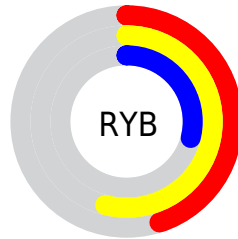
Distribution



Red (54%)

Green (44%)

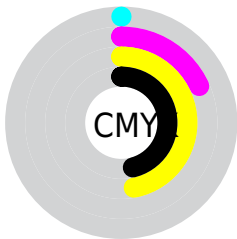
Blue (29%)



Red (45%)

Yellow (54%)

Blue (29%)

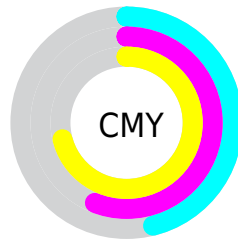


Cyan (0%)

Magenta (18%)

Yellow (47%)

Black (46%)



Cyan (46%)


Magenta (56%)

Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.6946, 0.3991, 0.4015 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 17.6946, 0.3991, 0.4015 by changing the saturation by 10% instead.


 17.6946, 0.3991,
0.4015


 17.6946, 0.3991,
0.4015


239.1440, 0.3495,
0.3608


 10.7310, 0.4137,
0.4129


 39.5162, 0.3794,
0.3857

 5.8862, 0.4336,
0.4277

 55.1430, 0.3725,
0.3801


 2.7760, 0.4667,
0.4522

 74.4263, 0.3669,
0.3754

 1.0159, 0.5160,
0.4840

 97.7505, 0.3623,
0.3716

 0.0000, 1.0000,
0.0000

 125.4999, 0.3583,
0.3683

 0.0000, 0.0000,
0.0000

158.0591, 0.3550,

0.3654

195.8123, 0.3521,
0.3630

■ 17.6946, 0.3991,
0.4015

■ 17.6946, 0.3991,
0.4015

■ 16.3827, 0.4211,
0.4154

■ 19.1180, 0.3779,
0.3862

■ 15.1760, 0.4431,
0.4269

■ 20.6540, 0.3581,
0.3704

■ 14.0710, 0.4643,
0.4349

■ 22.3069, 0.3399,
0.3546

■ 13.0629, 0.4834,
0.4386

■ 24.0798, 0.3234,
0.3394

■ 12.1440, 0.5000,
0.4378

■ 25.9758, 0.3086,
0.3249

■ 11.8921, 0.5048,
0.4374

■ 27.9979, 0.2954,
0.3114

■ 30.1487, 0.2837,
0.2988

■ 32.4311, 0.2733,
0.2872

■ 34.8475, 0.2641,
0.2765

Harmonies

Analogous

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



17.6946, 0.4139, 0.3665



17.6946, 0.3991, 0.4015



17.6946, 0.3611, 0.4202

Triad

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



17.6946, 0.3991, 0.4015



17.6946, 0.2328, 0.3222



17.6946, 0.3069, 0.2619

Complementary

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



17.6946, 0.3991, 0.4015



11.9821, 0.2367, 0.2424

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.



17.6946, 0.2609, 0.2490



17.6946, 0.3991, 0.4015



17.6946, 0.2210, 0.2791

Square

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



17.6946, 0.3991, 0.4015



17.6946, 0.2652, 0.3729



17.6946, 0.2308, 0.2541



17.6946, 0.3584, 0.2895

Rectangle

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



17.6946, 0.3991, 0.4015



17.6946, 0.3288, 0.4176



17.6946, 0.2308, 0.2541



17.6946, 0.2903, 0.2558

Sweetspot

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



17.6954, 0.3991, 0.4015



40.1769, 0.3351, 0.3503



11.0665, 0.3844, 0.2814



8.8822, 0.3383, 0.3532



69.2071, 0.3127, 0.3290



10.0482, 0.3127, 0.3290

Same Dimension

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



17.6954, 0.3991, 0.4015



28.6328, 0.4235, 0.4168



23.5241, 0.3719, 0.4434



5.5273, 0.3266, 0.3424



10.9315, 0.5044, 0.4377



0.1011, 0.4590, 0.4737

Inverse Universe

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



11.9821, 0.2367, 0.2424



17.2635, 0.2186, 0.2174



8.2804, 0.2346, 0.1898



5.1870, 0.2991, 0.3152



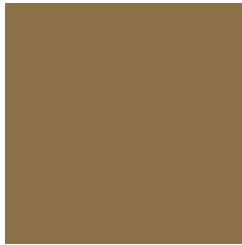
4.0483, 0.1685, 0.1266



0.0537, 0.1914, 0.2090

Previews

White Background



This preview shows how the Yxy color 17.6946, 0.3991, 0.4015 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 17.6946, 0.3991, 0.4015 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

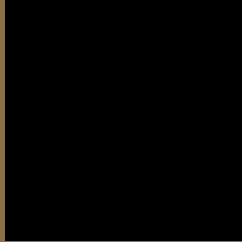
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 17.6946, 0.3991, 0.4015

Background



This preview shows how black text looks on a background with the Yxy color 17.6946, 0.3991, 0.4015.



This preview shows how white text looks on a background with the Yxy color 17.6946, 0.3991, 0.4015.

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

17.6946, 0.3991, 0.4015

Protanopia

17.7290, 0.3792, 0.4112

Deuteranopia

17.7321, 0.4041, 0.3985



Tritanopia

17.7369, 0.3493, 0.3149

Trichromacy



Original Color

17.6946, 0.3991, 0.4015

Protanomaly

17.8105, 0.3856, 0.4077

Deuteranomaly

17.6448, 0.4027, 0.3990

Tritanomaly

17.7347, 0.3692, 0.3472

Monochromacy



Original Color

17.6946, 0.3991, 0.4015

Achromatopsia

17.4647, 0.3127, 0.3290

Achromatomaly

17.4667, 0.3434, 0.3583

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.6946, 0.3991, 0.4015 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(138, 113, 73)` looks like.

```
.text, #text, p{  
    color:rgb(138, 113, 73)  
}
```

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(138, 113, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 113, 73) }
```

Border

The CSS property to change the border of an element to Yxy 17.6946, 0.3991, 0.4015 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(138, 113, 73) }
```

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

```
.border{ border-color:rgb(138, 113, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 113, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 113, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 113, 73);  
box-shadow:4px 4px 4px 4px rgb(138, 113,  
73) }
```


Background

The CSS property to change the background color of an element to Yxy 17.6946, 0.3991, 0.4015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 113, 73) }
```

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

```
.background{ background-color: rgb(138,  
113, 73) }
```

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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