

Converting Colors

$Y_{xy}(17.0999, 0.4572, 0.3989)$

Have a look what the booklet for
Yxy(17.0999, 0.4572, 0.3989)
contains.

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Color

Yxy(17.0673, 0.4578, 0.3989)

Conversions

Conversions Part 1

Format	Color
Hex	9E6639
RGB	158, 102, 57
RGB Percent	62%, 40%, 22%
CMY	0.3805, 0.5999, 0.7765
CMYK	0.00, 0.35, 0.64, 0.38
HSL	27°, 47%, 42%
HSV	27°, 64%, 62%
XYZ	19.5874, 17.0673, 6.1312
YIQ	113.6140, 47.8210, -2.1230

Conversions

Conversions Part 2

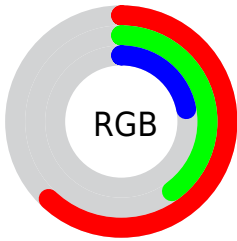
Format	Color
R_{YB}	158, 138, 57
Decimal	10380857
CIE Lab	48.34, 17.99, 34.28
CIE LCh	48, 38.714, 62.313
Yxy	17.0673, 0.4578, 0.3989
Android (android.graphics.Color)	4288570937 (0xFF9E6639)
YUV	113.6140, -27.9107, 38.9265
Hunter-Lab	41.3126, 12.3345, 20.1196

Details

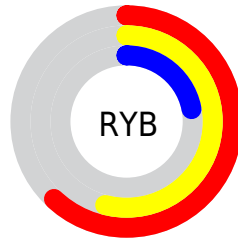
The Yxy color **17.0673, 0.4578, 0.3989** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **15.1374, 0.2169, 0.2386**, and the grayscale version is **16.7803, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.4013, 0.4260, 0.3871**, and **5.6401, 0.5126, 0.4118** is the 20% darker color. If you saturate the color by 10%, you get **15.3031, 0.4873, 0.4044**, and if you desaturate by 10%, it is **19.0641, 0.4288, 0.3902**.

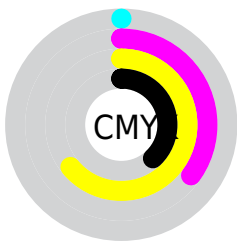
Distribution



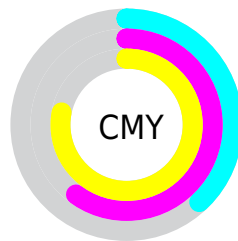
- Red (62%)
- Green (40%)
- Blue (22%)



- Red (62%)
- Yellow (54%)
- Blue (22%)



- Cyan (0%)
- Magenta (35%)
- Yellow (64%)
- Black (38%)




- Cyan (38%)
- Magenta (60%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.0673, 0.4578, 0.3989 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 17.0673, 0.4578, 0.3989 by changing the saturation by 10% instead.


 17.0673, 0.4578,
0.3989


 17.0673, 0.4578,
0.3989

235.5599, 0.3745,
0.3637


 10.2825, 0.4815,
0.4058


 38.4415, 0.4251,
0.3869


 5.5867, 0.5128,
0.4119

 53.7996, 0.4135,
0.3820


 2.5954, 0.5728,
0.4272

 72.7843, 0.4040,
0.3778

 0.9244, 0.6044,
0.3956

 95.7799, 0.3961,
0.3742

 0.0000, 1.0000,
0.0000

 123.1709, 0.3894,
0.3711

 0.0000, 0.0000,
0.0000

 155.3416, 0.3837,

0.3683

192.6765, 0.3788,
0.3659

■ 17.0673, 0.4578,
0.3989

■ 17.0673, 0.4578,
0.3989

■ 15.3031, 0.4873,
0.4044

■ 19.0641, 0.4288,
0.3902

■ 13.7585, 0.5155,
0.4056

■ 21.3003, 0.4016,
0.3795

■ 12.4229, 0.5404,
0.4016

■ 23.7856, 0.3769,
0.3678

■ 11.7020, 0.5546,
0.3978

■ 26.5284, 0.3549,
0.3559

■ 29.5366, 0.3355,
0.3443

■ 32.8176, 0.3187,
0.3332

■ 36.3785, 0.3041,
0.3228

■ 40.2263, 0.2915,
0.3131

■ 44.3676, 0.2805,
0.3043

Harmonies

Analogous

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



17.0673, 0.4557, 0.3431



17.0673, 0.4578, 0.3989



17.0673, 0.4181, 0.4474

Triad

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



17.0673, 0.4578, 0.3989



17.0673, 0.2210, 0.3648



17.0673, 0.2596, 0.2201

Complementary

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



17.0673, 0.4578, 0.3989



15.1374, 0.2169, 0.2386

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.



17.0673, 0.2084, 0.2156



17.0673, 0.4578, 0.3989



17.0673, 0.1879, 0.2881

Square

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



17.0673, 0.4578, 0.3989



17.0673, 0.2806, 0.4386



17.0673, 0.1842, 0.2370



17.0673, 0.3323, 0.2465

Rectangle

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



17.0673, 0.4578, 0.3989



17.0673, 0.3763, 0.4661



17.0673, 0.1842, 0.2370



17.0673, 0.2397, 0.2160

Sweetspot

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



17.0682, 0.4578, 0.3989



50.6173, 0.3457, 0.3506



11.4121, 0.3940, 0.2416



11.0834, 0.3511, 0.3538



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



17.0682, 0.4578, 0.3989



26.4649, 0.5005, 0.4056



29.7754, 0.4055, 0.4655



7.1086, 0.3274, 0.3390



9.4511, 0.5533, 0.3989



0.2522, 0.4908, 0.4485

Inverse Universe

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



15.1374, 0.2169, 0.2386



22.6069, 0.2001, 0.2138



6.9730, 0.1942, 0.1400



7.0141, 0.2988, 0.3188



7.5883, 0.1832, 0.1794



0.2194, 0.2014, 0.2449

Previews

White Background



This preview shows how the Yxy color 17.0673, 0.4578, 0.3989 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 17.0673, 0.4578, 0.3989 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 17.0673, 0.4578, 0.3989

Background



This preview shows how black text looks on a background with the Yxy color 17.0673, 0.4578, 0.3989.



This preview shows how white text looks on a background with the Yxy color 17.0673, 0.4578, 0.3989.

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

17.0673, 0.4578, 0.3989

Protanopia

17.1104, 0.3959, 0.4307

Deuteranopia

17.1785, 0.4290, 0.4230



Tritanopia

17.1259, 0.3986, 0.3179

Trichromacy



Original Color

17.0673, 0.4578, 0.3989

Protanomaly

16.8814, 0.4177, 0.4179

Deuteranomaly

17.0968, 0.4396, 0.4133

Tritanomaly

17.0854, 0.4221, 0.3488

Monochromacy



Original Color

17.0673, 0.4578, 0.3989

Achromatopsia

16.8269, 0.3127, 0.3290

Achromatomaly

16.6880, 0.3632, 0.3617

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.0673, 0.4578, 0.3989 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(158, 102, 57)` looks like.

```
.text, #text, p{  
    color:rgb(158, 102, 57)  
}
```

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(158, 102, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 102, 57) }
```

Border

The CSS property to change the border of an element to Yxy 17.0673, 0.4578, 0.3989 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(158, 102, 57) }
```

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

```
.border{ border-color:rgb(158, 102, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 102, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(158, 102, 57); -webkit-box-shadow:4px 4px 4px 4px rgb(158, 102, 57); box-shadow:4px 4px 4px 4px rgb(158, 102, 57) }
```


Background

The CSS property to change the background color of an element to Yxy 17.0673, 0.4578, 0.3989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 102, 57) }
```

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

```
.background{ background-color: rgb(158,  
102, 57) }
```

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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