

Converting Colors

$Y_{xy}(17.2066, 0.3749, 0.3040)$

Have a look what the booklet for
Yxy(17.2066, 0.3749, 0.3040)
contains.

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Color

Yxy(17.2065, 0.3751, 0.3043)

Conversions

Conversions Part 1

Format	Color
Hex	9C6372
RGB	156, 99, 114
RGB Percent	61%, 39%, 45%
CMY	0.3882, 0.6118, 0.5529
CMYK	0.00, 0.37, 0.27, 0.39
HSL	344°, 22%, 50%
HSV	344°, 37%, 61%
XYZ	21.2099, 17.2065, 18.1282
YIQ	117.7530, 29.1570, 16.7490

Conversions

Conversions Part 2

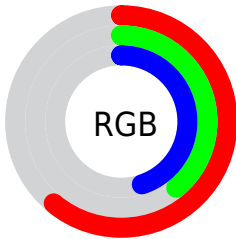
Format	Color
R _Y B	156, 99, 114
Decimal	10249074
CIE Lab	48.52, 25.17, 1.21
CIE LCh	49, 25.204, 2.761
Yxy	17.2065, 0.3751, 0.3043
Android (android.graphics.Color)	4288439154 (0xFF9C6372)
YUV	117.7530, -1.8502, 33.5426
Hunter-Lab	41.4807, 18.6791, 3.1252

Details

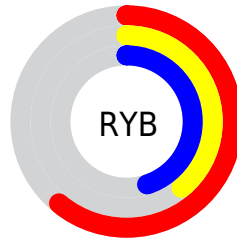
The Yxy color **17.2065, 0.3751, 0.3043** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **28.3516, 0.2740, 0.3557**, and the grayscale version is **18.0353, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.8834, 0.3603, 0.3106**, and **5.6446, 0.4034, 0.2934** is the 20% darker color. If you saturate the color by 10%, you get **14.2860, 0.4013, 0.2977**, and if you desaturate by 10%, it is **20.7325, 0.3533, 0.3113**.

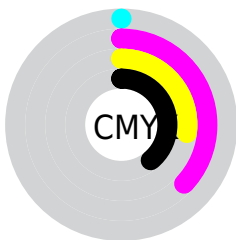
Distribution



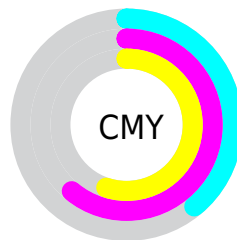
- Red (61%)
- Green (39%)
- Blue (45%)



- Red (61%)
- Yellow (39%)
- Blue (45%)



- Cyan (0%)
- Magenta (37%)
- Yellow (27%)
- Black (39%)





- Cyan (39%)
- Magenta (61%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.2065, 0.3751, 0.3043 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 17.2065, 0.3751, 0.3043 by changing the saturation by 10% instead.


 17.2065, 0.3751,
0.3043


 17.2065, 0.3751,
0.3043


236.3596, 0.3387,
0.3188


 10.3818, 0.3865,
0.2997


 38.6805, 0.3603,
0.3102


 5.6529, 0.4030,
0.2929

 54.0986, 0.3553,
0.3123

 2.6352, 0.4288,
0.2823

 73.1499, 0.3512,
0.3139

 0.9444, 0.4746,
0.2630

 96.2190, 0.3478,
0.3152

 0.0000, 1.0000,
0.0000

123.6901, 0.3450,
0.3164

 0.0000, 0.0000,
0.0000

155.9476, 0.3426,

0.3173

193.3760, 0.3405,
0.3181

■ 17.2065, 0.3751,
0.3043

■ 17.2065, 0.3751,
0.3043

■ 14.2860, 0.4013,
0.2977

■ 20.7325, 0.3533,
0.3113

■ 11.9342, 0.4320,
0.2920

■ 24.8931, 0.3354,
0.3183

■ 10.1145, 0.4668,
0.2883


■ 29.7183, 0.3208,
0.3249


■ 8.7844, 0.5042,
0.2875


■ 35.2356, 0.3089,
0.3311


■ 7.8953, 0.5414,
0.2906


■ 41.4710, 0.2991,
0.3368

 7.3751, 0.5748,
0.2976

 48.4490, 0.2911,
0.3421

 7.2285, 0.5856,
0.3000

 56.1931, 0.2846,
0.3468

 64.7256, 0.2791,
0.3512

 74.0680, 0.2746,
0.3551

Harmonies

Analogous

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



17.2065, 0.3274, 0.2730



17.2065, 0.3751, 0.3043



17.2065, 0.4057, 0.3424

Triad

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



17.2065, 0.3751, 0.3043



17.2065, 0.3413, 0.4176



17.2065, 0.2247, 0.2684

Complementary

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



17.2065, 0.3751, 0.3043



28.3516, 0.2740, 0.3557

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.



17.2065, 0.2278, 0.3040



17.2065, 0.3751, 0.3043



17.2065, 0.2928, 0.3964

Square

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



17.2065, 0.3751, 0.3043



17.2065, 0.3841, 0.4094



17.2065, 0.2518, 0.3521



17.2065, 0.2425, 0.2518

Rectangle

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



17.2065, 0.3751, 0.3043



17.2065, 0.4109, 0.3683



17.2065, 0.2518, 0.3521



17.2065, 0.2233, 0.2783

Sweetspot

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



17.2073, 0.3751, 0.3043



49.7214, 0.3273, 0.3218



16.9697, 0.2975, 0.2358



10.7031, 0.3291, 0.3210



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



17.2073, 0.3751, 0.3043



26.7579, 0.3966, 0.2987



19.6237, 0.3901, 0.3513



6.6734, 0.3245, 0.3231



5.9593, 0.5837, 0.2989



0.1129, 0.4842, 0.2441

Inverse Universe

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



17.2073, 0.3751, 0.3043



26.7579, 0.3966, 0.2987



24.6077, 0.2595, 0.3052



6.6734, 0.3245, 0.3231



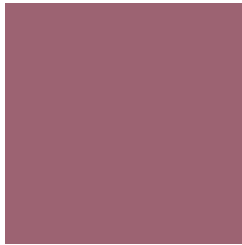
5.9593, 0.5837, 0.2989



0.1129, 0.4842, 0.2441

Previews

White Background



This preview shows how the Yxy color 17.2065, 0.3751, 0.3043 looks on a white background.

Color Contrast Check

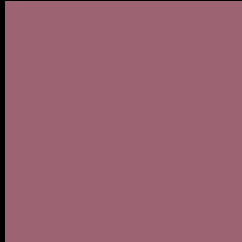
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.2065, 0.3751, 0.3043 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

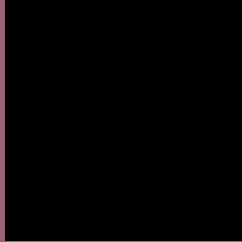
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 17.2065, 0.3751, 0.3043

Background



This preview shows how black text looks on a background with the Yxy color 17.2065, 0.3751, 0.3043.



This preview shows how white text looks on a background with the Yxy color 17.2065, 0.3751, 0.3043.

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

17.2065, 0.3751, 0.3043

Protanopia

17.3364, 0.3033, 0.3134

Deuteranopia

17.3474, 0.3343, 0.3291



Tritanopia

17.1656, 0.3823, 0.3158

Trichromacy



Original Color

17.2065, 0.3751, 0.3043

Protanomaly

17.0392, 0.3272, 0.3086

Deuteranomaly

17.1109, 0.3481, 0.3182

Tritanomaly

17.2087, 0.3793, 0.3125

Monochromacy



Original Color

17.2065, 0.3751, 0.3043

Achromatopsia

18.1164, 0.3127, 0.3290

Achromatomaly

17.5588, 0.3334, 0.3180

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.2065, 0.3751, 0.3043 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(156, 99, 114)` looks like.

```
.text, #text, p{  
  color:rgb(156, 99, 114)  
}
```

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(156, 99, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 99, 114) }
```

Border

The CSS property to change the border of an element to Yxy 17.2065, 0.3751, 0.3043 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(156, 99, 114) }
```

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

```
.border{ border-color:rgb(156, 99, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 99, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(156, 99, 114); -webkit-box-shadow:4px 4px 4px 4px rgb(156, 99, 114); box-shadow:4px 4px 4px 4px rgb(156, 99, 114) }
```


Background

The CSS property to change the background color of an element to Yxy 17.2065, 0.3751, 0.3043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 99, 114) }
```

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

```
.background{ background-color: rgb(156, 99,  
114) }
```

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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