

Converting Colors

$Y_{xy}(16.0167, 0.3768, 0.2948)$

Have a look what the booklet for
Yxy(16.0167, 0.3768, 0.2948)
contains.

Yxy(16.0122, 0.3762, 0.2943)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(16.0122, 0.3762, 0.2943)

Conversions

Conversions Part 1

Format	Color
Hex	9B5D72
RGB	155, 93, 114
RGB Percent	61%, 36%, 45%
CMY	0.3922, 0.6353, 0.5530
CMYK	0.00, 0.40, 0.26, 0.39
HSL	340°, 25%, 49%
HSV	340°, 40%, 61%
XYZ	20.4682, 16.0122, 17.9274
YIQ	113.9320, 30.2110, 19.6750

Conversions

Conversions Part 2

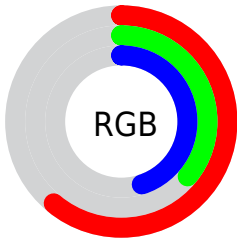
Format	Color
RYB	155, 93, 114
Decimal	10182002
CIELab	46.99, 28.19, -1.01
CIELCh	47, 28.205, 357.940
Yxy	16.0122, 0.3762, 0.2943
Android (android.graphics.Color)	4288372082 (0xFF9B5D72)
YUV	113.9320, 0.0335, 36.0166
Hunter-Lab	40.0152, 21.2778, 1.4480

Details

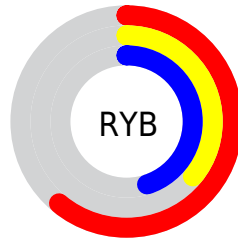
The Yxy color **16.0122, 0.3762, 0.2943** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **27.4912, 0.2745, 0.3674**, and the grayscale version is **16.7993, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.5486, 0.3610, 0.3018**, and **5.0949, 0.4057, 0.2793** is the 20% darker color. If you saturate the color by 10%, you get **13.3415, 0.4007, 0.2860**, and if you desaturate by 10%, it is **19.2621, 0.3556, 0.3032**.

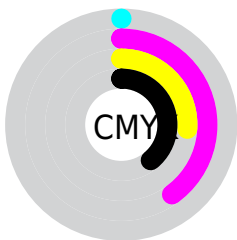
Distribution



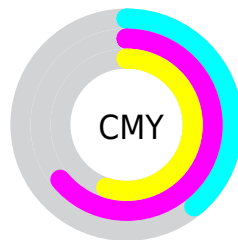
- Red (61%)
- Green (36%)
- Blue (45%)



- Red (61%)
- Yellow (36%)
- Blue (45%)



- Cyan (0%)
- Magenta (40%)
- Yellow (26%)
- Black (39%)




- Cyan (39%)
- Magenta (64%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 16.0122, 0.3762, 0.2943 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 16.0122, 0.3762, 0.2943 by changing the saturation by 10% instead.


 16.0122, 0.3762,
0.2943


 16.0122, 0.3762,
0.2943


229.4137, 0.3390,
0.3146


 9.5328, 0.3880,
0.2879


 36.6194, 0.3610,
0.3025


 5.0903, 0.4051,
0.2787

 51.5159, 0.3559,
0.3053

 2.3003, 0.4322,
0.2643

 69.9870, 0.3517,
0.3076

 0.7739, 0.4817,
0.2377

 92.4170, 0.3482,
0.3095

 0.0000, 1.0000,
0.0000

119.1902, 0.3454,
0.3111

 0.0000, 0.0000,
0.0000

150.6912, 0.3429,

0.3124

187.3042, 0.3408,
0.3136

■ 16.0122, 0.3762,
0.2943

■ 16.0122, 0.3762,
0.2943

■ 13.3415, 0.4007,
0.2860

■ 19.2621, 0.3556,
0.3032

■ 11.2133, 0.4291,
0.2791

■ 23.1205, 0.3384,
0.3122

■ 9.5903, 0.4608,
0.2747


■ 27.6173, 0.3243,
0.3208


■ 8.4294, 0.4944,
0.2740


■ 32.7799, 0.3127,
0.3290


■ 7.6802, 0.5277,
0.2779

■ 38.6340, 0.3032,
0.3366

 7.2206, 0.5588,
0.2852

 45.2040, 0.2954,
0.3436

 7.2204, 0.5588,
0.2852

 52.5131, 0.2890,
0.3500

 60.5834, 0.2837,
0.3558

 69.4361, 0.2792,
0.3611

Harmonies

Analogous

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



16.0122, 0.3198, 0.2612



16.0122, 0.3762, 0.2943



16.0122, 0.4158, 0.3362

Triad

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



16.0122, 0.3762, 0.2943



16.0122, 0.3533, 0.4317



16.0122, 0.2121, 0.2646

Complementary

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



16.0122, 0.3762, 0.2943



27.4912, 0.2745, 0.3674

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.



16.0122, 0.2192, 0.3078



16.0122, 0.3762, 0.2943



16.0122, 0.2981, 0.4135

Square

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



16.0122, 0.3762, 0.2943



16.0122, 0.3999, 0.4161



16.0122, 0.2494, 0.3646



16.0122, 0.2284, 0.2430

Rectangle

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



16.0122, 0.3762, 0.2943



16.0122, 0.4251, 0.3655



16.0122, 0.2494, 0.3646



16.0122, 0.2119, 0.2767

Sweetspot

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



16.0130, 0.3762, 0.2943



47.5555, 0.3272, 0.3189



15.2076, 0.2889, 0.2247



10.5408, 0.3288, 0.3179



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.



16.0130, 0.3762, 0.2943



24.3530, 0.3979, 0.2868



17.3218, 0.4036, 0.3449



6.2555, 0.3233, 0.3215



5.8062, 0.5566, 0.2840



0.0931, 0.4523, 0.2265

Inverse Universe

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



16.0130, 0.3762, 0.2943



24.3530, 0.3979, 0.2868



25.1592, 0.2564, 0.3122



6.2555, 0.3233, 0.3215



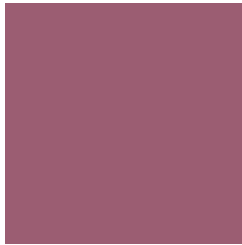
5.8062, 0.5566, 0.2840



0.0931, 0.4523, 0.2265

Previews

White Background



This preview shows how the Yxy color 16.0122, 0.3762, 0.2943 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 16.0122, 0.3762, 0.2943 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

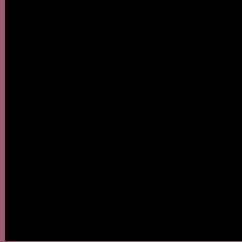
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 16.0122, 0.3762, 0.2943

Background



This preview shows how black text looks on a background with the Yxy color 16.0122, 0.3762, 0.2943.



This preview shows how white text looks on a background with the Yxy color 16.0122, 0.3762, 0.2943.

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

16.0122, 0.3762, 0.2943

Protanopia

16.1645, 0.2947, 0.3012

Deuteranopia

16.0838, 0.3296, 0.3232



Tritanopia

16.0138, 0.3928, 0.3174

Trichromacy



Original Color

16.0122, 0.3762, 0.2943

Protanomaly

15.7167, 0.3212, 0.2968

Deuteranomaly

16.0212, 0.3465, 0.3125

Tritanomaly

15.9160, 0.3870, 0.3090

Monochromacy



Original Color

16.0122, 0.3762, 0.2943

Achromatopsia

16.8269, 0.3127, 0.3290

Achromatomaly

16.1901, 0.3344, 0.3139

CSS Examples

Text

The CSS property to change the color of the text to Yxy 16.0122, 0.3762, 0.2943 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(155, 93, 114)` looks like.

```
.text, #text, p{  
    color:rgb(155, 93, 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(155, 93, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 93, 114) }
```

Border

The CSS property to change the border of an element to Yxy 16.0122, 0.3762, 0.2943 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(155, 93, 114) }
```

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

```
.border{ border-color:rgb(155, 93, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 93, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 93, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 93, 114);  
box-shadow:4px 4px 4px 4px rgb(155, 93,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 16.0122, 0.3762, 0.2943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 93, 114) }
```

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

```
.background{ background-color: rgb(155, 93,  
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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