

Converting Colors

$Y_{xy}(16.0800, 0.3547, 0.3042)$

Have a look what the booklet for
Yxy(16.0800, 0.3547, 0.3042)
contains.

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Color

$Y_{xy}(16.0800, 0.3547, 0.3042)$

Conversions

Conversions Part 1

Format	Color
Hex	8E6472
RGB	142, 100, 114
RGB Percent	56%, 39%, 45%
CMY	0.4431, 0.6078, 0.5530
CMYK	0.00, 0.30, 0.20, 0.44
HSL	340°, 17%, 47%
HSV	340°, 30%, 56%
XYZ	18.7494, 16.0800, 18.0305
YIQ	114.1540, 20.5380, 13.2580

Conversions

Conversions Part 2

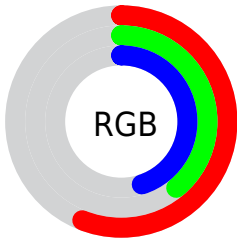
Format	Color
R_{YB}	142, 100, 114
Decimal	9331826
CIE _{Lab}	47.08, 19.17, -1.07
CIE _{LCh}	47, 19.199, 356.803
Yxy	16.0800, 0.3547, 0.3042
Android (android.graphics.Color)	4287521906 (0xFF8E6472)
YUV	114.1540, -0.0759, 24.4209
Hunter-Lab	40.0999, 13.2861, 1.4107

Details

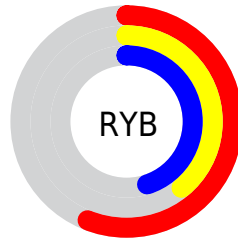
The Yxy color **16.0800, 0.3547, 0.3042** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **23.6157, 0.2834, 0.3555**, and the grayscale version is **16.8717, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.6222, 0.3441, 0.3095**, and **5.1637, 0.3746, 0.2944** is the 20% darker color. If you saturate the color by 10%, you get **13.3852, 0.3751, 0.2955**, and if you desaturate by 10%, it is **19.2734, 0.3377, 0.3129**.

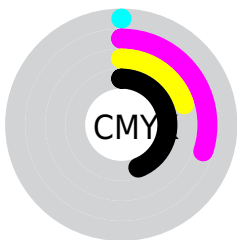
Distribution



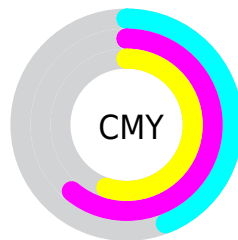
- Red (56%)
- Green (39%)
- Blue (45%)



- Red (56%)
- Yellow (39%)
- Blue (45%)



- Cyan (0%)
- Magenta (30%)
- Yellow (20%)
- Black (44%)





- Cyan (44%)
- Magenta (61%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 16.0800, 0.3547, 0.3042 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 16.0800, 0.3547, 0.3042 by changing the saturation by 10% instead.


 16.0800, 0.3547,
0.3042


 16.0800, 0.3547,
0.3042


229.8133, 0.3301,
0.3187


 9.5808, 0.3625,
0.2996


 36.7370, 0.3446,
0.3101


 5.1219, 0.3740,
0.2930


 51.6636, 0.3412,
0.3121

 2.3190, 0.3921,
0.2826

 70.1682, 0.3385,
0.3137

 0.7837, 0.4259,
0.2628

 92.6350, 0.3362,
0.3151

 0.0000, 1.0000,
0.0000

119.4485, 0.3343,
0.3162

 0.0000, 0.0000,
0.0000

150.9932, 0.3327,

0.3171

187.6533, 0.3313,
0.3180

■ 16.0800, 0.3547,
0.3042

■ 16.0800, 0.3547,
0.3042

■ 13.3852, 0.3751,
0.2955

■ 19.2734, 0.3377,
0.3129

■ 11.1616, 0.3994,
0.2873

■ 22.9867, 0.3238,
0.3214

■ 9.3822, 0.4275,
0.2805

■ 27.2428, 0.3123,
0.3293

■ 8.0167, 0.4590,
0.2760

■ 32.0622, 0.3028,
0.3367

■ 7.0306, 0.4926,
0.2749

■ 37.4646, 0.2951,
0.3435

■ 6.3840, 0.5261,
0.2783

■ 43.4688, 0.2887,
0.3497

■ 5.9749, 0.5576,
0.2850

■ 50.0926, 0.2834,
0.3554

■ 5.9585, 0.5590,
0.2853

■ 57.3530, 0.2790,
0.3606

■ 65.2666, 0.2753,
0.3654

Harmonies

Analogous

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



16.0800, 0.3167, 0.2805



16.0800, 0.3547, 0.3042



16.0800, 0.3818, 0.3344

Triad

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



16.0800, 0.3547, 0.3042



16.0800, 0.3432, 0.3978



16.0800, 0.2419, 0.2865

Complementary

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



16.0800, 0.3547, 0.3042



23.6157, 0.2834, 0.3555

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.



16.0800, 0.2481, 0.3173



16.0800, 0.3547, 0.3042



16.0800, 0.3052, 0.3854

Square

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



16.0800, 0.3547, 0.3042



16.0800, 0.3742, 0.3891



16.0800, 0.2706, 0.3546



16.0800, 0.2531, 0.2694

Rectangle

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



16.0800, 0.3547, 0.3042



16.0800, 0.3890, 0.3552



16.0800, 0.2706, 0.3546



16.0800, 0.2420, 0.2954

Sweetspot

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



16.0807, 0.3547, 0.3042



40.8071, 0.3233, 0.3217



15.6577, 0.2975, 0.2540



8.9117, 0.3249, 0.3206



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



16.0807, 0.3547, 0.3042



25.3309, 0.3668, 0.2988



17.1874, 0.3721, 0.3418



5.4519, 0.3233, 0.3217



5.3527, 0.5578, 0.2847



0.0549, 0.4522, 0.2265

Inverse Universe

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



16.0807, 0.3547, 0.3042



25.3309, 0.3668, 0.2988



21.9916, 0.2700, 0.3158



5.4519, 0.3233, 0.3217



5.3527, 0.5578, 0.2847



0.0549, 0.4522, 0.2265

Previews

White Background



This preview shows how the Yxy color 16.0800, 0.3547, 0.3042 looks on a white background.

Color Contrast Check

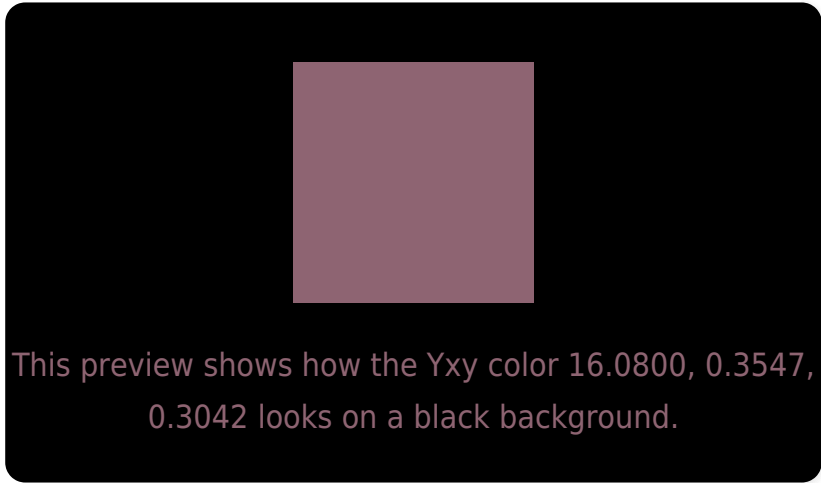
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

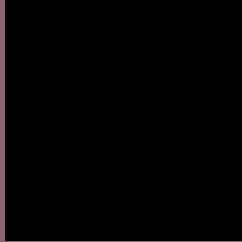
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 16.0800, 0.3547, 0.3042

Background



This preview shows how black text looks on a background with the Yxy color 16.0800, 0.3547, 0.3042.



This preview shows how white text looks on a background with the Yxy color 16.0800, 0.3547, 0.3042.

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

16.0800, 0.3547, 0.3042

Protanopia

16.1289, 0.3006, 0.3090

Deuteranopia

16.0326, 0.3269, 0.3212



Tritanopia

16.0742, 0.3602, 0.3147

Trichromacy



Original Color

16.0800, 0.3547, 0.3042

Protanomaly

15.9610, 0.3192, 0.3078

Deuteranomaly

15.9625, 0.3360, 0.3139

Tritanomaly

16.1178, 0.3573, 0.3112

Monochromacy



Original Color

16.0800, 0.3547, 0.3042

Achromatopsia

16.8269, 0.3127, 0.3290

Achromatomaly

16.4373, 0.3268, 0.3194

CSS Examples

Text

The CSS property to change the color of the text to Yxy 16.0800, 0.3547, 0.3042 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(142, 100, 114)` looks like.

```
.text, #text, p{  
    color:rgb(142, 100, 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(142, 100, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 100, 114) }
```

Border

The CSS property to change the border of an element to Yxy 16.0800, 0.3547, 0.3042 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(142, 100, 114) }
```

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

```
.border{ border-color:rgb(142, 100, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 100, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 100, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 100, 114);  
box-shadow:4px 4px 4px 4px rgb(142, 100,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 16.0800, 0.3547, 0.3042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 100, 114) }
```

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

```
.background{ background-color: rgb(142,  
100, 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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