

Converting Colors

$Y_{xy}(15.8744, 0.3278, 0.4253)$

Have a look what the booklet for
Yxy(15.8744, 0.3278, 0.4253)
contains.

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Color

Yxy(15.9908, 0.3277, 0.4255)

Conversions

Conversions Part 1

Format	Color
Hex	5C774C
RGB	92, 119, 76
RGB Percent	36%, 47%, 30%
CMY	0.6392, 0.5333, 0.7020
CMYK	0.23, 0.00, 0.36, 0.53
HSL	98°, 22%, 38%
HSV	98°, 36%, 47%
XYZ	12.3154, 15.9908, 9.2750
YIQ	106.0250, -2.2890, -19.0970

Conversions

Conversions Part 2

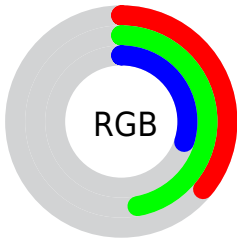
Format	Color
RYB	76, 119, 103
Decimal	6059852
CIELab	46.96, -18.38, 20.56
CIElCh	47, 27.574, 131.799
Yxy	15.9908, 0.3277, 0.4255
Android (android.graphics.Color)	4284249932 (0xFF5C774C)
YUV	106.0250, -14.8023, -12.2999
Hunter-Lab	39.9885, -15.0068, 14.2401

Details

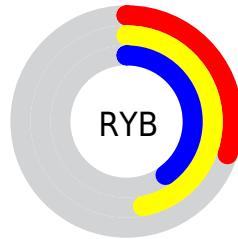
The Yxy color **15.9908, 0.3277, 0.4255** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **9.3846, 0.2910, 0.2373**, and the grayscale version is **14.4627, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.4461, 0.3255, 0.4009**, and **5.0371, 0.3308, 0.4734** is the 20% darker color. If you saturate the color by 10%, you get **15.4750, 0.3306, 0.4556**, and if you desaturate by 10%, it is **16.5766, 0.3240, 0.3963**.

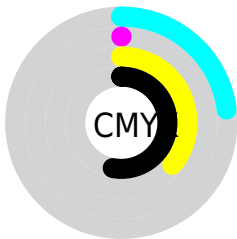
Distribution



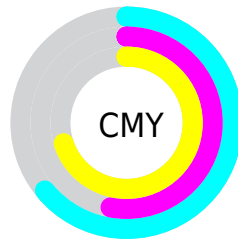
- Red (36%)
- Green (47%)
- Blue (30%)



- Red (30%)
- Yellow (47%)
- Blue (40%)



- Cyan (23%)
- Magenta (0%)
- Yellow (36%)
- Black (53%)





- Cyan (64%)
- Magenta (53%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.9908, 0.3277, 0.4255 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 15.9908, 0.3277, 0.4255 by changing the saturation by 10% instead.


 15.9908, 0.3277,
0.4255


 15.9908, 0.3277,
0.4255


229.2874, 0.3202,
0.3667


 9.5176, 0.3291,
0.4453


 36.5822, 0.3252,
0.4008


 5.0803, 0.3300,
0.4750

 51.4693, 0.3242,
0.3926


 2.2945, 0.3315,
0.5285

 69.9298, 0.3233,
0.3861

 0.7708, 0.2692,
0.7308

 92.3481, 0.3225,
0.3808

 0.0000, 0.0000,
0.0000

 119.1086, 0.3218,
0.3764

150.5958, 0.3212,

0.3727

187.1939, 0.3207,
0.3695

■ 15.9908, 0.3277,
0.4255

■ 15.9908, 0.3277,
0.4255

■ 15.4750, 0.3306,
0.4556

■ 16.5766, 0.3240,
0.3963

■ 15.0242, 0.3325,
0.4856

■ 17.2329, 0.3199,
0.3688

■ 14.6363, 0.3329,
0.5140


■ 17.9629, 0.3155,
0.3434

■ 14.3079, 0.3318,
0.5392

■ 18.7689, 0.3110,
0.3203

■ 14.0353, 0.3291,
0.5598


■ 19.6531, 0.3066,
0.2996


 13.8127, 0.3251,
0.5755

 20.6176, 0.3023,
0.2810

 13.7360, 0.3236,
0.5812

 21.6646, 0.2982,
0.2644

 22.7959, 0.2944,
0.2497

 24.0135, 0.2908,
0.2367

Harmonies

Analogous

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



15.9908, 0.3791, 0.4248



15.9908, 0.3277, 0.4255



15.9908, 0.2748, 0.3921

Triad

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



15.9908, 0.3277, 0.4255



15.9908, 0.2187, 0.2535



15.9908, 0.3959, 0.3134

Complementary

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



15.9908, 0.3277, 0.4255



9.3846, 0.2910, 0.2373

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.



15.9908, 0.3460, 0.2761



15.9908, 0.3277, 0.4255



15.9908, 0.2447, 0.2421

Square

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



15.9908, 0.3277, 0.4255



15.9908, 0.2150, 0.2864



15.9908, 0.2900, 0.2507



15.9908, 0.4215, 0.3562

Rectangle

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



15.9908, 0.3277, 0.4255



15.9908, 0.2458, 0.3566



15.9908, 0.2900, 0.2507



15.9908, 0.3811, 0.3000

Sweetspot

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



15.9915, 0.3277, 0.4255



31.4762, 0.3177, 0.3562



14.0489, 0.3748, 0.3839



7.4269, 0.3182, 0.3589



62.0916, 0.3127, 0.3290



7.8288, 0.3127, 0.3290

Same Dimension

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



15.9915, 0.3277, 0.4255



27.8896, 0.3301, 0.4494



15.3250, 0.3027, 0.4193



4.1585, 0.3167, 0.3505



14.5880, 0.3234, 0.5814



70.6365, 0.3198, 0.5842

Inverse Universe

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



9.3846, 0.2910, 0.2373



14.2719, 0.2846, 0.2159



10.3058, 0.3247, 0.2530



3.6931, 0.3084, 0.3077



2.9865, 0.2324, 0.1054



14.0534, 0.2278, 0.1029

Previews

White Background



This preview shows how the Yxy color 15.9908, 0.3277, 0.4255 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 15.9908, 0.3277, 0.4255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

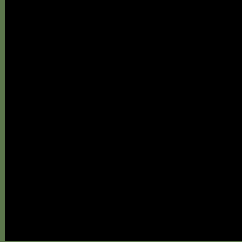
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.9908, 0.3277, 0.4255

Background



This preview shows how black text looks on a background with the Yxy color 15.9908, 0.3277, 0.4255.



This preview shows how white text looks on a background with the Yxy color 15.9908, 0.3277, 0.4255.

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

15.9908, 0.3277, 0.4255

Protanopia

15.9149, 0.3760, 0.4051

Deuteranopia

15.7781, 0.3879, 0.3806



Tritanopia

15.8680, 0.2848, 0.3103

Trichromacy



Original Color

15.9908, 0.3277, 0.4255

Protanomaly

15.8440, 0.3569, 0.4132

Deuteranomaly

15.7008, 0.3637, 0.3967

Tritanomaly

15.7682, 0.3003, 0.3506

Monochromacy



Original Color

15.9908, 0.3277, 0.4255

Achromatopsia

14.4128, 0.3127, 0.3290

Achromatomaly

14.9618, 0.3191, 0.3640

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.9908, 0.3277, 0.4255 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(92, 119, 76)` looks like.

```
.text, #text, p{  
    color:rgb(92, 119, 76)  
}
```

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(92, 119, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 119, 76) }
```

Border

The CSS property to change the border of an element to Yxy 15.9908, 0.3277, 0.4255 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(92, 119, 76) }
```

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

```
.border{ border-color:rgb(92, 119, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 119, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 119, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 119, 76);  
box-shadow:4px 4px 4px 4px rgb(92, 119,  
76) }
```


Background

The CSS property to change the background color of an element to Yxy 15.9908, 0.3277, 0.4255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 119, 76) }
```

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

```
.background{ background-color: rgb(92, 119,  
76) }
```

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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