

Converting Colors

$Y_{xy}(15.4789, 0.3316, 0.4286)$

Have a look what the booklet for
Yxy(15.4789, 0.3316, 0.4286)
contains.

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Color

Yxy(15.4789, 0.3316, 0.4286)

Conversions

Conversions Part 1

Format	Color
Hex	5C7549
RGB	92, 117, 73
RGB Percent	36%, 46%, 29%
CMY	0.6393, 0.5411, 0.7137
CMYK	0.21, 0.00, 0.38, 0.54
HSL	94°, 23%, 37%
HSV	94°, 38%, 46%
XYZ	11.9757, 15.4789, 8.6604
YIQ	104.5090, -0.7760, -18.9840

Conversions

Conversions Part 2

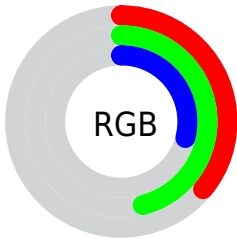
Format	Color
RYB	73, 117, 98
Decimal	6059337
CIELab	46.28, -17.80, 21.37
CIELCh	46, 27.814, 129.786
Yxy	15.4789, 0.3316, 0.4286
Android (android.graphics.Color)	4284249417 (0xFF5C7549)
YUV	104.5090, -15.5339, -10.9704
Hunter-Lab	39.3432, -14.5168, 14.4891

Details

The Yxy color **15.4789, 0.3316, 0.4286** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **8.6489, 0.2857, 0.2323**, and the grayscale version is **14.0290, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.6207, 0.3284, 0.4029**, and **4.8980, 0.3359, 0.4811** is the 20% darker color. If you saturate the color by 10%, you get **15.0109, 0.3353, 0.4580**, and if you desaturate by 10%, it is **16.0076, 0.3271, 0.3998**.

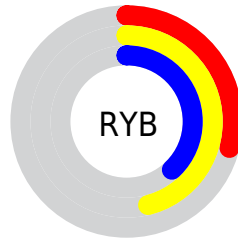
Distribution



Red (36%)

Green (46%)

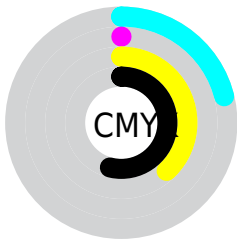
Blue (29%)



Red (29%)

Yellow (46%)

Blue (38%)

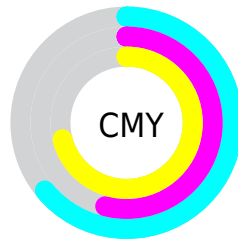


Cyan (21%)

Magenta (0%)

Yellow (38%)

Black (54%)



Cyan (64%)


Magenta (54%)


Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.4789, 0.3316, 0.4286 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 15.4789, 0.3316, 0.4286 by changing the saturation by 10% instead.


 15.4789, 0.3316,
0.4286


 15.4789, 0.3316,
0.4286


226.2469, 0.3219,
0.3678


 9.1562, 0.3336,
0.4492


 35.6912, 0.3282,
0.4030


 4.8432, 0.3353,
0.4801

 50.3495, 0.3268,
0.3945


 2.1556, 0.3412,
0.5412

 68.5551, 0.3257,
0.3878

 0.6956, 0.2458,
0.7542

 90.6924, 0.3247,
0.3823

 0.0000, 0.0000,
0.0000

 117.1459, 0.3238,
0.3777

148.2999, 0.3231,

0.3739

184.5387, 0.3224,
0.3706

■ 15.4789, 0.3316,
0.4286

■ 15.4789, 0.3316,
0.4286

■ 15.0109, 0.3353,
0.4580

■ 16.0076, 0.3271,
0.3998

■ 14.5991, 0.3377,
0.4869

■ 16.5972, 0.3221,
0.3725

■ 14.2417, 0.3387,
0.5140


■ 17.2505, 0.3168,
0.3470


■ 13.9357, 0.3379,
0.5379


■ 17.9696, 0.3114,
0.3236


■ 13.6780, 0.3353,
0.5572

■ 18.7563, 0.3062,
0.3024


 13.4616, 0.3314,
0.5722

 19.6125, 0.3011,
0.2834

 13.4139, 0.3305,
0.5758

 20.5399, 0.2963,
0.2663

 21.5403, 0.2917,
0.2511

 22.6153, 0.2874,
0.2376

Harmonies

Analogous

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



15.4789, 0.3833, 0.4254



15.4789, 0.3316, 0.4286



15.4789, 0.2774, 0.3966

Triad

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



15.4789, 0.3316, 0.4286



15.4789, 0.2161, 0.2536



15.4789, 0.3947, 0.3102

Complementary

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



15.4789, 0.3316, 0.4286



8.6489, 0.2857, 0.2323

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.



15.4789, 0.3427, 0.2730



15.4789, 0.3316, 0.4286



15.4789, 0.2410, 0.2407

Square

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



15.4789, 0.3316, 0.4286



15.4789, 0.2138, 0.2885



15.4789, 0.2860, 0.2482



15.4789, 0.4229, 0.3536

Rectangle

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



15.4789, 0.3316, 0.4286



15.4789, 0.2471, 0.3610



15.4789, 0.2860, 0.2482



15.4789, 0.3791, 0.2968

Sweetspot

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



15.4796, 0.3316, 0.4286



30.4426, 0.3187, 0.3561



12.9876, 0.3792, 0.3818



6.9716, 0.3193, 0.3587



60.3827, 0.3127, 0.3290



7.3239, 0.3127, 0.3290

Same Dimension

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



15.4796, 0.3316, 0.4286



26.9911, 0.3348, 0.4537



14.6620, 0.3046, 0.4289



4.1682, 0.3176, 0.3505



14.7682, 0.3302, 0.5760



71.4809, 0.3265, 0.5790

Inverse Universe

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



8.6489, 0.2857, 0.2323



12.8982, 0.2776, 0.2088



9.7647, 0.3216, 0.2461



3.6831, 0.3075, 0.3077



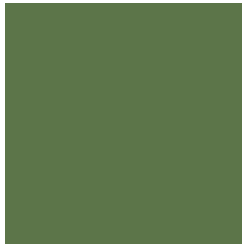
2.7035, 0.2196, 0.0984



12.6609, 0.2147, 0.0956

Previews

White Background



This preview shows how the Yxy color 15.4789, 0.3316, 0.4286 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 15.4789, 0.3316, 0.4286 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

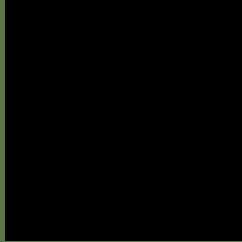
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

Yxy 15.4789, 0.3316, 0.4286

Background



This preview shows how black text looks on a background with the Yxy color 15.4789, 0.3316, 0.4286.



This preview shows how white text looks on a background with the Yxy color 15.4789, 0.3316, 0.4286.

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

15.4789, 0.3316, 0.4286

Protanopia

15.3014, 0.3783, 0.4082

Deuteranopia

15.3708, 0.3899, 0.3851



Tritanopia

15.3776, 0.2868, 0.3101

Trichromacy



Original Color

15.4789, 0.3316, 0.4286

Protanomaly

15.2945, 0.3602, 0.4162

Deuteranomaly

15.1583, 0.3674, 0.3995

Tritanomaly

15.2763, 0.3026, 0.3509

Monochromacy



Original Color

15.4789, 0.3316, 0.4286

Achromatopsia

14.1263, 0.3127, 0.3290

Achromatomaly

14.4369, 0.3206, 0.3645

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.4789, 0.3316, 0.4286 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, 117, 73)` looks like.

```
.text, #text, p{  
    color:rgb(92, 117, 73)  
}
```

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, 117, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 117, 73) }
```

Border

The CSS property to change the border of an element to Yxy 15.4789, 0.3316, 0.4286 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, 117, 73) }
```

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

```
.border{ border-color:rgb(92, 117, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 117, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 117, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 117, 73);  
box-shadow:4px 4px 4px 4px rgb(92, 117,  
73) }
```


Background

The CSS property to change the background color of an element to Yxy 15.4789, 0.3316, 0.4286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 117, 73) }
```

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

```
.background{ background-color: rgb(92, 117,  
73) }
```

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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