

Converting Colors

$Y_{xy}(29.3288, 0.3261, 0.4382)$

Have a look what the booklet for
Yxy(29.3288, 0.3261, 0.4382)
contains.

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Color

Yxy(29.4412, 0.3259, 0.4383)

Conversions

Conversions Part 1

Format	Color
Hex	759F61
RGB	117, 159, 97
RGB Percent	46%, 62%, 38%
CMY	0.5412, 0.3765, 0.6196
CMYK	0.26, 0.00, 0.39, 0.38
HSL	101°, 24%, 50%
HSV	101°, 39%, 62%
XYZ	21.8911, 29.4412, 15.8390
YIQ	139.3740, -5.1300, -28.1860

Conversions

Conversions Part 2

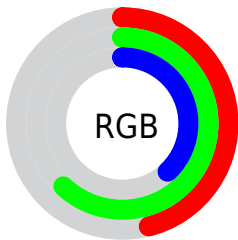
Format	Color
R_{YB}	97, 159, 139
Decimal	7708513
CIE _{Lab}	61.17, -26.14, 27.87
CIE _{LCh}	61, 38.205, 133.167
Yxy	29.4412, 0.3259, 0.4383
Android (android.graphics.Color)	4285898593 (0xFF759F61)
YUV	139.3740, -20.8904, -19.6220
Hunter-Lab	54.2597, -22.9386, 20.6744

Details

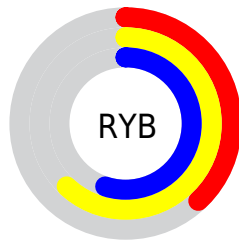
The Yxy color $29.4412, 0.3259, 0.4383$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $16.5443, 0.2918, 0.2279$, and the grayscale version is $26.0542, 0.3127, 0.3290$.

A 20% lighter version of the original color is $58.7773, 0.3244, 0.4148$, and $11.9304, 0.3272, 0.4803$ is the 20% darker color. If you saturate the color by 10%, you get $28.4711, 0.3278, 0.4700$, and if you desaturate by 10%, it is $30.5592, 0.3231, 0.4074$.

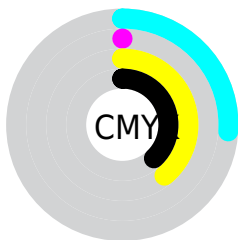
Distribution



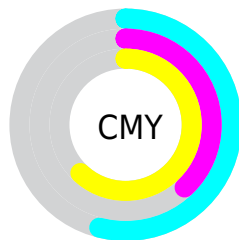
- Red (46%)
- Green (62%)
- Blue (38%)



- Red (38%)
- Yellow (62%)
- Blue (55%)



- Cyan (26%)
- Magenta (0%)
- Yellow (39%)
- Black (38%)



- Cyan (54%)
- Magenta (38%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.4412, 0.3259, 0.4383 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 29.4412, 0.3259, 0.4383 by changing the saturation by 10% instead.


 29.4412, 0.3259,
0.4383


 29.4412, 0.3259,
0.4383


299.2910, 0.3206,
0.3769

 19.4148, 0.3264,
0.4561


 58.7773, 0.3245,
0.4142


 11.9704, 0.3263,
0.4806


 78.8559, 0.3238,
0.4057

 6.7235, 0.3245,
0.5159


 103.0540, 0.3231,
0.3987

 3.2898, 0.3200,
0.5745

 131.7560, 0.3225,
0.3929

 1.2848, 0.2948,
0.7052

165.3463, 0.3220,
0.3880

 0.1294, 0.0000,
1.0000

204.2093, 0.3215,

 0.0000, 0.0000,

0.3838

0.0000

248.7294, 0.3210,
0.3801

■ 29.4412, 0.3259,
0.4383

■ 29.4412, 0.3259,
0.4383

■ 28.4711, 0.3278,
0.4700

■ 30.5592, 0.3231,
0.4074

■ 27.6386, 0.3285,
0.5009

■ 31.8274, 0.3198,
0.3781

■ 26.9381, 0.3278,
0.5295

■ 33.2526, 0.3161,
0.3511

■ 26.3616, 0.3255,
0.5539

■ 34.8403, 0.3123,
0.3267


■ 25.9007, 0.3218,
0.5725


■ 36.5955, 0.3085,
0.3047

 25.5407, 0.3173,
0.5854

 38.5232, 0.3048,
0.2852

 25.5085, 0.3168,
0.5866

 40.6280, 0.3012,
0.2680

 42.9143, 0.2978,
0.2528

 45.3866, 0.2947,
0.2394

Harmonies

Analogous

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



29.4412, 0.3842, 0.4377



29.4412, 0.3259, 0.4383



29.4412, 0.2671, 0.3985

Triad

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



29.4412, 0.3259, 0.4383



29.4412, 0.2087, 0.2430



29.4412, 0.4089, 0.3130

Complementary

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



29.4412, 0.3259, 0.4383



16.5443, 0.2918, 0.2279

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.



29.4412, 0.3529, 0.2715



29.4412, 0.3259, 0.4383



29.4412, 0.2384, 0.2321

Square

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



29.4412, 0.3259, 0.4383



29.4412, 0.2033, 0.2781



29.4412, 0.2895, 0.2428



29.4412, 0.4360, 0.3604

Rectangle

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



29.4412, 0.3259, 0.4383



29.4412, 0.2355, 0.3570



29.4412, 0.2895, 0.2428



29.4412, 0.3925, 0.2981

Sweetspot

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



29.4425, 0.3259, 0.4383



58.6911, 0.3174, 0.3596



26.5088, 0.3810, 0.3946



13.1616, 0.3178, 0.3628



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



29.4425, 0.3259, 0.4383



51.1644, 0.3276, 0.4665



28.4083, 0.2992, 0.4250



7.4997, 0.3162, 0.3518



20.1665, 0.3174, 0.5862



0.3820, 0.3482, 0.5617

Inverse Universe

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



16.5443, 0.2918, 0.2279



24.6647, 0.2853, 0.2042



18.0812, 0.3303, 0.2491



6.6473, 0.3089, 0.3066



4.5057, 0.2425, 0.1109



0.1023, 0.2755, 0.1291

Previews

White Background



This preview shows how the Yxy color 29.4412, 0.3259, 0.4383 looks on a white 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

Black Background



This preview shows how the Yxy color 29.4412, 0.3259, 0.4383 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

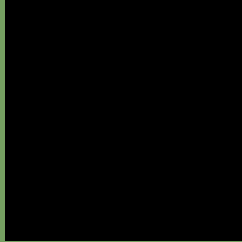
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.4412, 0.3259, 0.4383

Background



This preview shows how black text looks on a background with the Yxy color 29.4412, 0.3259, 0.4383.



This preview shows how white text looks on a background with the Yxy color 29.4412, 0.3259, 0.4383.

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

29.4412, 0.3259, 0.4383

Protanopia

29.1137, 0.3821, 0.4141

Deuteranopia

29.2194, 0.3950, 0.3876



Tritanopia

29.3668, 0.2802, 0.3096

Trichromacy



Original Color

29.4412, 0.3259, 0.4383

Protanomaly

28.8707, 0.3599, 0.4225

Deuteranomaly

29.0685, 0.3680, 0.4051

Tritanomaly

29.2604, 0.2971, 0.3544

Monochromacy



Original Color

29.4412, 0.3259, 0.4383

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

26.8383, 0.3183, 0.3670

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.4412, 0.3259, 0.4383 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(117, 159, 97)` looks like.

```
.text, #text, p{  
    color:rgb(117, 159, 97)  
}
```

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(117, 159, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 159, 97) }
```

Border

The CSS property to change the border of an element to Yxy 29.4412, 0.3259, 0.4383 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(117, 159, 97) }
```

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

```
.border{ border-color:rgb(117, 159, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 159, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 159, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 159, 97);  
box-shadow:4px 4px 4px 4px rgb(117, 159,  
97) }
```


Background

The CSS property to change the background color of an element to Yxy 29.4412, 0.3259, 0.4383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 159, 97) }
```

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

```
.background{ background-color: rgb(117,  
159, 97) }
```

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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