

Converting Colors

$Y_{xy}(28.8291, 0.3265, 0.4413)$

Have a look what the booklet for
Yxy(28.8291, 0.3265, 0.4413)
contains.

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Color

Yxy(28.9248, 0.3258, 0.4411)

Conversions

Conversions Part 1

Format	Color
Hex	739E5F
RGB	115, 158, 95
RGB Percent	45%, 62%, 37%
CMY	0.5490, 0.3804, 0.6274
CMYK	0.27, 0.00, 0.40, 0.38
HSL	101°, 25%, 50%
HSV	101°, 40%, 62%
XYZ	21.3641, 28.9248, 15.2854
YIQ	137.9610, -5.4050, -28.7090

Conversions

Conversions Part 2

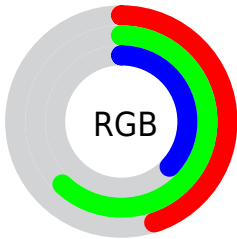
Format	Color
RYB	95, 158, 138
Decimal	7577183
CIELab	60.72, -26.66, 28.32
CIELCh	61, 38.897, 133.268
Yxy	28.9248, 0.3258, 0.4411
Android (android.graphics.Color)	4285767263 (0xFF739E5F)
YUV	137.9610, -21.1798, -20.1368
Hunter-Lab	53.7818, -23.2114, 20.7964

Details

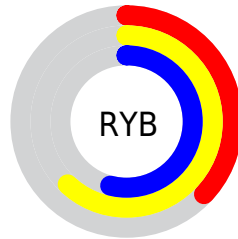
The Yxy color **28.9248, 0.3258, 0.4411** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **16.0579, 0.2915, 0.2257**, and the grayscale version is **25.4855, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.9887, 0.3244, 0.4168**, and **11.6371, 0.3269, 0.4848** is the 20% darker color. If you saturate the color by 10%, you get **27.9784, 0.3275, 0.4728**, and if you desaturate by 10%, it is **30.0175, 0.3232, 0.4100**.

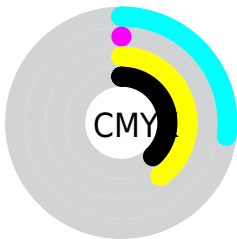
Distribution



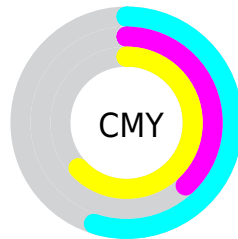
- Red (45%)
- Green (62%)
- Blue (37%)



- Red (37%)
- Yellow (62%)
- Blue (54%)



- Cyan (27%)
- Magenta (0%)
- Yellow (40%)
- Black (38%)





- Cyan (55%)
- Magenta (38%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.9248, 0.3258, 0.4411 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 28.9248, 0.3258, 0.4411 by changing the saturation by 10% instead.

 28.9248, 0.3258,
0.4411


 28.9248, 0.3258,
0.4411


296.8600, 0.3207,
0.3779


 19.0239, 0.3262,
0.4595


 57.9576, 0.3245,
0.4162

 11.6876, 0.3259,
0.4849


 77.8583, 0.3238,
0.4075

 6.5313, 0.3237,
0.5215


 101.8611, 0.3232,
0.4003

 3.1708, 0.3197,
0.5850

 130.3504, 0.3226,
0.3943

 1.2215, 0.2807,
0.7193

163.7105, 0.3220,
0.3893

 0.0792, 0.0000,
1.0000

202.3259, 0.3215,

 0.0000, 0.0000,

0.3849

0.0000

246.5809, 0.3211,
0.3812

■ 28.9248, 0.3258,
0.4411

■ 28.9248, 0.3258,
0.4411

■ 27.9784, 0.3275,
0.4728

■ 30.0175, 0.3232,
0.4100

■ 27.1680, 0.3281,
0.5037

■ 31.2589, 0.3200,
0.3806

■ 26.4879, 0.3272,
0.5320


■ 32.6558, 0.3164,
0.3534


■ 25.9304, 0.3248,
0.5560


■ 34.2135, 0.3127,
0.3287


■ 25.4866, 0.3210,
0.5741


■ 35.9372, 0.3089,
0.3066

 25.1406, 0.3165,
0.5868

 37.8318, 0.3053,
0.2869

 25.1365, 0.3164,
0.5870

 39.9019, 0.3017,
0.2695

 42.1520, 0.2984,
0.2541

 44.5863, 0.2953,
0.2406

Harmonies

Analogous

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



28.9248, 0.3855, 0.4402



28.9248, 0.3258, 0.4411



28.9248, 0.2657, 0.4001

Triad

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



28.9248, 0.3258, 0.4411



28.9248, 0.2066, 0.2410



28.9248, 0.4113, 0.3126

Complementary

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



28.9248, 0.3258, 0.4411



16.0579, 0.2915, 0.2257

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.



28.9248, 0.3540, 0.2704



28.9248, 0.3258, 0.4411



28.9248, 0.2369, 0.2301

Square

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



28.9248, 0.3258, 0.4411



28.9248, 0.2010, 0.2766



28.9248, 0.2891, 0.2411



28.9248, 0.4390, 0.3610

Rectangle

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



28.9248, 0.3258, 0.4411



28.9248, 0.2335, 0.3574



28.9248, 0.2891, 0.2411



28.9248, 0.3946, 0.2975

Sweetspot

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



28.9260, 0.3258, 0.4411



58.6757, 0.3173, 0.3596



25.9880, 0.3827, 0.3960



13.1579, 0.3177, 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.



28.9260, 0.3258, 0.4411



50.9574, 0.3274, 0.4699



27.9178, 0.2990, 0.4275



7.4982, 0.3162, 0.3518



20.1507, 0.3170, 0.5865



0.3815, 0.3476, 0.5622

Inverse Universe

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



16.0579, 0.2915, 0.2257



24.2050, 0.2850, 0.2017



17.5777, 0.3308, 0.2474



6.6489, 0.3089, 0.3066



4.5435, 0.2436, 0.1116



0.1027, 0.2762, 0.1295

Previews

White Background



This preview shows how the Yxy color 28.9248, 0.3258, 0.4411 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 28.9248, 0.3258, 0.4411 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

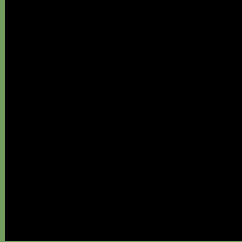
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.9248, 0.3258, 0.4411

Background



This preview shows how black text looks on a background with the Yxy color 28.9248, 0.3258, 0.4411.



This preview shows how white text looks on a background with the Yxy color 28.9248, 0.3258, 0.4411.

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

28.9248, 0.3258, 0.4411

Protanopia

28.6669, 0.3835, 0.4160

Deuteranopia

28.7710, 0.3966, 0.3894



Tritanopia

28.8569, 0.2791, 0.3094

Trichromacy



Original Color

28.9248, 0.3258, 0.4411

Protanomaly

28.4250, 0.3611, 0.4247

Deuteranomaly

28.5216, 0.3682, 0.4075

Tritanomaly

28.7550, 0.2960, 0.3546

Monochromacy



Original Color

28.9248, 0.3258, 0.4411

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

26.4018, 0.3193, 0.3690

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.9248, 0.3258, 0.4411 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(115, 158, 95)` looks like.

```
.text, #text, p{  
    color:rgb(115, 158, 95)  
}
```

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(115, 158, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 158, 95) }
```

Border

The CSS property to change the border of an element to Yxy 28.9248, 0.3258, 0.4411 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(115, 158, 95) }
```

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

```
.border{ border-color:rgb(115, 158, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 158, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 158, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 158, 95);  
box-shadow:4px 4px 4px 4px rgb(115, 158,  
95) }
```


Background

The CSS property to change the background color of an element to Yxy 28.9248, 0.3258, 0.4411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 158, 95) }
```

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

```
.background{ background-color: rgb(115,  
158, 95) }
```

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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