

Converting Colors

$Y_{xy}(29.2737, 0.3272, 0.4408)$

Have a look what the booklet for
Yxy(29.2737, 0.3272, 0.4408)
contains.

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Color

Yxy(29.4044, 0.3275, 0.4418)

Conversions

Conversions Part 1

Format	Color
Hex	759F5F
RGB	117, 159, 95
RGB Percent	46%, 62%, 37%
CMY	0.5413, 0.3764, 0.6274
CMYK	0.26, 0.00, 0.40, 0.38
HSL	99°, 25%, 50%
HSV	99°, 40%, 62%
XYZ	21.7971, 29.4044, 15.3544
YIQ	139.1460, -4.4880, -28.8080

Conversions

Conversions Part 2

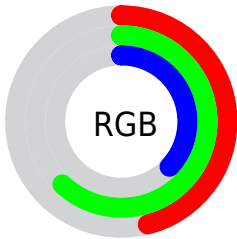
Format	Color
R_{YB}	95, 159, 137
Decimal	7708511
CIE _{Lab}	61.14, -26.44, 28.89
CIE _{LCh}	61, 39.164, 132.459
Yxy	29.4044, 0.3275, 0.4418
Android (android.graphics.Color)	4285898591 (0xFF759F5F)
YUV	139.1460, -21.7640, -19.4220
Hunter-Lab	54.2258, -23.1439, 21.1697

Details

The Yxy color **29.4044, 0.3275, 0.4418** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **16.0113, 0.2892, 0.2240**, and the grayscale version is **25.9633, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.7145, 0.3257, 0.4175**, and **11.8789, 0.3278, 0.4857** is the 20% darker color. If you saturate the color by 10%, you get **28.4620, 0.3295, 0.4732**, and if you desaturate by 10%, it is **30.4891, 0.3245, 0.4109**.

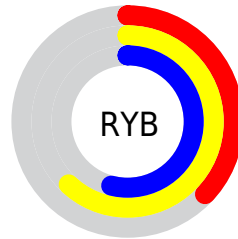
Distribution



Red (46%)

Green (62%)

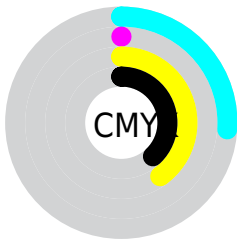
Blue (37%)



Red (37%)

Yellow (62%)

Blue (54%)

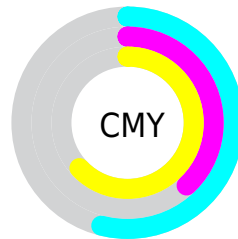


Cyan (26%)

Magenta (0%)

Yellow (40%)

Black (38%)



Cyan (54%)


Magenta (38%)


Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 29.4044, 0.3275, 0.4418 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 29.4044, 0.3275, 0.4418 by changing the saturation by 10% instead.


 29.4044, 0.3275,
0.4418


 29.4044, 0.3275,
0.4418


299.1183, 0.3215,
0.3784


 19.3870, 0.3281,
0.4602


 58.7190, 0.3259,
0.4169


 11.9502, 0.3281,
0.4854


 78.7849, 0.3251,
0.4082

 6.7098, 0.3263,
0.5216


 102.9691, 0.3243,
0.4010

 3.2813, 0.3227,
0.5835

 131.6560, 0.3236,
0.3950

 1.2803, 0.2914,
0.7086

165.2300, 0.3230,
0.3899

 0.1259, 0.0000,
1.0000

204.0754, 0.3225,

 0.0000, 0.0000,

0.3855

0.0000

248.5767, 0.3220,
0.3817

■ 29.4044, 0.3275,
0.4418

■ 29.4044, 0.3275,
0.4418

■ 28.4620, 0.3295,
0.4732

■ 30.4891, 0.3245,
0.4109

■ 27.6519, 0.3303,
0.5037

■ 31.7180, 0.3209,
0.3816

■ 26.9685, 0.3296,
0.5315


■ 33.0980, 0.3169,
0.3544


■ 26.4042, 0.3273,
0.5550

■ 34.6342, 0.3128,
0.3296


■ 25.9507, 0.3234,
0.5727

■ 36.3316, 0.3087,
0.3073

 25.5995, 0.3188,
0.5850

 38.1948, 0.3047,
0.2875

 40.2283, 0.3008,
0.2699

 42.4364, 0.2971,
0.2543

 44.8234, 0.2937,
0.2406

Harmonies

Analogous

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



29.4044, 0.3870, 0.4398



29.4044, 0.3275, 0.4418



29.4044, 0.2671, 0.4018

Triad

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



29.4044, 0.3275, 0.4418



29.4044, 0.2060, 0.2415



29.4044, 0.4102, 0.3114

Complementary

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



29.4044, 0.3275, 0.4418



16.0113, 0.2892, 0.2240

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.



29.4044, 0.3523, 0.2693



29.4044, 0.3275, 0.4418



29.4044, 0.2356, 0.2299

Square

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



29.4044, 0.3275, 0.4418



29.4044, 0.2010, 0.2778



29.4044, 0.2875, 0.2404



29.4044, 0.4389, 0.3597

Rectangle

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



29.4044, 0.3275, 0.4418



29.4044, 0.2345, 0.3593



29.4044, 0.2875, 0.2404



29.4044, 0.3932, 0.2963

Sweetspot

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



29.4057, 0.3275, 0.4418



58.7575, 0.3178, 0.3596



25.9784, 0.3841, 0.3951



13.1779, 0.3182, 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.



29.4057, 0.3275, 0.4418



51.1785, 0.3293, 0.4690



28.2445, 0.2997, 0.4308



7.5062, 0.3165, 0.3518



20.2380, 0.3194, 0.5846



0.3841, 0.3509, 0.5596

Inverse Universe

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



16.0113, 0.2892, 0.2240



23.9136, 0.2823, 0.2007



17.7405, 0.3296, 0.2452



6.6405, 0.3085, 0.3066



4.3459, 0.2377, 0.1083



0.1002, 0.2726, 0.1275

Previews

White Background



This preview shows how the Yxy color 29.4044, 0.3275, 0.4418 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 29.4044, 0.3275, 0.4418 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

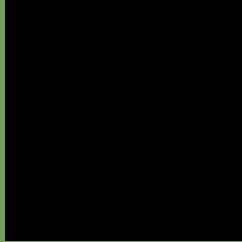
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.4044, 0.3275, 0.4418

Background



This preview shows how black text looks on a background with the Yxy color 29.4044, 0.3275, 0.4418.



This preview shows how white text looks on a background with the Yxy color 29.4044, 0.3275, 0.4418.

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

29.4044, 0.3275, 0.4418

Protanopia

29.1827, 0.3851, 0.4166

Deuteranopia

29.1807, 0.3972, 0.3905



Tritanopia

29.3668, 0.2802, 0.3096

Trichromacy



Original Color

29.4044, 0.3275, 0.4418

Protanomaly

28.9257, 0.3628, 0.4253

Deuteranomaly

29.0302, 0.3700, 0.4082

Tritanomaly

29.2313, 0.2979, 0.3561

Monochromacy



Original Color

29.4044, 0.3275, 0.4418

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

26.8131, 0.3192, 0.3687

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.4044, 0.3275, 0.4418 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, 95)` looks like.

```
.text, #text, p{  
    color:rgb(117, 159, 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(117, 159, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 159, 95) }
```

Border

The CSS property to change the border of an element to Yxy 29.4044, 0.3275, 0.4418 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, 95) }
```

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

```
.border{ border-color:rgb(117, 159, 95) }
```

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, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 159, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 159, 95);  
box-shadow:4px 4px 4px 4px rgb(117, 159,  
95) }
```


Background

The CSS property to change the background color of an element to Yxy 29.4044, 0.3275, 0.4418 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, 95) }
```

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

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