

Converting Colors

$Yxy(29.4371, 0.3045, 0.4511)$

Have a look what the booklet for
Yxy(29.4371, 0.3045, 0.4511)
contains.

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Color

Yxy(29.4371, 0.3045, 0.4511)

Conversions

Conversions Part 1

Format	Color
Hex	5EA361
RGB	94, 163, 97
RGB Percent	37%, 64%, 38%
CMY	0.6314, 0.3608, 0.6195
CMYK	0.42, 0.00, 0.40, 0.36
HSL	123°, 27%, 50%
HSV	123°, 42%, 64%
XYZ	19.8705, 29.4371, 15.9486
YIQ	134.8450, -19.9380, -35.1540

Conversions

Conversions Part 2

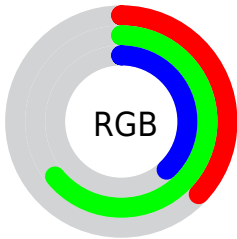
Format	Color
R_{YB}	94, 160, 163
Decimal	6202209
CIE _{Lab}	61.17, -35.86, 27.62
CIE _{LCh}	61, 45.260, 142.397
Yxy	29.4371, 0.3045, 0.4511
Android (android.graphics.Color)	4284392289 (0xFF5EA361)
YUV	134.8450, -18.6576, -35.8211
Hunter-Lab	54.2560, -29.5747, 20.5508

Details

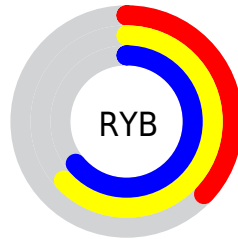
The Yxy color **29.4371, 0.3045, 0.4511** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **18.3269, 0.3213, 0.2314**, and the grayscale version is **24.2440, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.5768, 0.3083, 0.4236**, and **12.0620, 0.2972, 0.5011** is the 20% darker color. If you saturate the color by 10%, you get **28.4030, 0.3026, 0.4852**, and if you desaturate by 10%, it is **30.7127, 0.3065, 0.4180**.

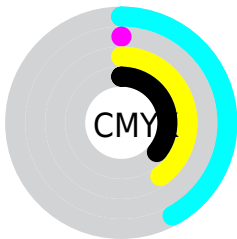
Distribution



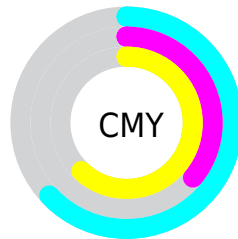
- Red (37%)
- Green (64%)
- Blue (38%)



- Red (37%)
- Yellow (63%)
- Blue (64%)



- Cyan (42%)
- Magenta (0%)
- Yellow (40%)
- Black (36%)



- Cyan (63%)
- Magenta (36%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.4371, 0.3045, 0.4511 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 29.4371, 0.3045, 0.4511 by changing the saturation by 10% instead.


 29.4371, 0.3045,
0.4511


 29.4371, 0.3045,
0.4511


299.2718, 0.3112,
0.3816

 19.4117, 0.3015,
0.4717


 58.7708, 0.3078,
0.4236


 11.9682, 0.2966,
0.5002


 78.8480, 0.3087,
0.4139

 6.7220, 0.2879,
0.5421


 103.0445, 0.3095,
0.4061

 3.2889, 0.2721,
0.6123

 131.7448, 0.3100,
0.3995

 1.2843, 0.1891,
0.8109

165.3333, 0.3104,
0.3940

 0.1290, 0.0000,
1.0000

204.1944, 0.3107,

 0.0000, 0.0000,


0.3893


0.0000


248.7124, 0.3110,
0.3852


 29.4371, 0.3045,
0.4511


 29.4371, 0.3045,
0.4511


 28.4030, 0.3026,
0.4852


 30.7127, 0.3065,
0.4180


 27.5919, 0.3011,
0.5184


 32.2398, 0.3085,
0.3871


 26.9884, 0.2999,
0.5482


 34.0322, 0.3105,
0.3591


 26.5735, 0.2993,
0.5723

 36.1016, 0.3123,
0.3343

 26.3250, 0.2992,
0.5890

 38.4592, 0.3140,
0.3127

 26.2116, 0.2991,
0.5968

 41.1154, 0.3155,
0.2939

 44.0801, 0.3169,
0.2778

 47.3628, 0.3181,
0.2639

 50.9726, 0.3192,
0.2519

Harmonies

Analogous

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



29.4371, 0.3749, 0.4628



29.4371, 0.3045, 0.4511



29.4371, 0.2400, 0.3901

Triad

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



29.4371, 0.3045, 0.4511



29.4371, 0.1999, 0.2220



29.4371, 0.4412, 0.3253

Complementary

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



29.4371, 0.3045, 0.4511



18.3269, 0.3213, 0.2314

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.



29.4371, 0.3825, 0.2753



29.4371, 0.3045, 0.4511



29.4371, 0.2415, 0.2184

Square

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



29.4371, 0.3045, 0.4511



29.4371, 0.1850, 0.2525



29.4371, 0.3070, 0.2376



29.4371, 0.4588, 0.3800

Rectangle

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



29.4371, 0.3045, 0.4511



29.4371, 0.2090, 0.3373



29.4371, 0.3070, 0.2376



29.4371, 0.4253, 0.3078

Sweetspot

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



29.4383, 0.3045, 0.4511



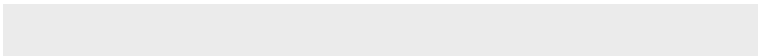
60.6366, 0.3103, 0.3615



34.5502, 0.3720, 0.4319



13.4586, 0.3099, 0.3672



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



29.4383, 0.3045, 0.4511



50.9302, 0.3027, 0.4839



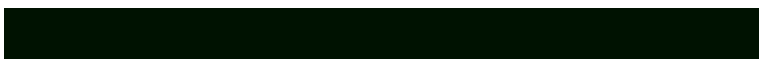
30.2080, 0.2791, 0.3869



7.8999, 0.3111, 0.3512



20.3719, 0.2990, 0.5963



0.4295, 0.2942, 0.5791

Inverse Universe

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



18.3269, 0.3213, 0.2314



28.2874, 0.3234, 0.2116



17.3013, 0.3684, 0.2785



7.1968, 0.3144, 0.3078



7.9144, 0.3320, 0.1603



0.1678, 0.3276, 0.1579

Previews

White Background



This preview shows how the Yxy color 29.4371, 0.3045, 0.4511 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 29.4371, 0.3045, 0.4511 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

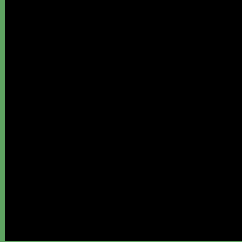
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.4371, 0.3045, 0.4511

Background



This preview shows how black text looks on a background with the Yxy color 29.4371, 0.3045, 0.4511.



This preview shows how white text looks on a background with the Yxy color 29.4371, 0.3045, 0.4511.

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

29.4371, 0.3045, 0.4511

Protanopia

29.0964, 0.3830, 0.4156

Deuteranopia

29.1230, 0.3928, 0.3865



Tritanopia

29.4209, 0.2613, 0.3090

Trichromacy



Original Color

29.4371, 0.3045, 0.4511

Protanomaly

28.8070, 0.3510, 0.4299

Deuteranomaly

28.5260, 0.3574, 0.4094

Tritanomaly

29.2903, 0.2767, 0.3570

Monochromacy



Original Color

29.4371, 0.3045, 0.4511

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

25.6243, 0.3097, 0.3721

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.4371, 0.3045, 0.4511 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(94, 163, 97)` looks like.

```
.text, #text, p{  
    color:rgb(94, 163, 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(94, 163, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 163, 97) }
```

Border

The CSS property to change the border of an element to Yxy 29.4371, 0.3045, 0.4511 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(94, 163, 97) }
```

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

```
.border{ border-color:rgb(94, 163, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 163, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 163, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 163, 97);  
box-shadow:4px 4px 4px 4px rgb(94, 163,  
97) }
```


Background

The CSS property to change the background color of an element to Yxy 29.4371, 0.3045, 0.4511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 163, 97) }
```

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

```
.background{ background-color: rgb(94, 163,  
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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