

Converting Colors

$Yxy(30.1292, 0.33396, 0.4594)$

Have a look what the booklet for
Yxy(30.1292, 0.3396, 0.4594)
contains.

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Color

Yxy(30.2106, 0.3388, 0.4596)

Conversions

Conversions Part 1

Format	Color
Hex	79A155
RGB	121, 161, 85
RGB Percent	47%, 63%, 33%
CMY	0.5255, 0.3686, 0.6667
CMYK	0.25, 0.00, 0.47, 0.37
HSL	92°, 31%, 48%
HSV	92°, 47%, 63%
XYZ	22.2701, 30.2106, 13.2516
YIQ	140.3760, 0.5560, -32.1160

Conversions

Conversions Part 2

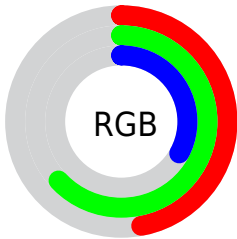
Format	Color
RYB	85, 161, 125
Decimal	7971157
CIELab	61.84, -27.25, 35.09
CIELCh	62, 44.426, 127.837
Yxy	30.2106, 0.3388, 0.4596
Android (android.graphics.Color)	4286161237 (0xFF79A155)
YUV	140.3760, -27.3004, -16.9928
Hunter-Lab	54.9642, -23.8635, 24.1803

Details

The Yxy color **30.2106, 0.3388, 0.4596** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **13.4305, 0.2710, 0.2007**, and the grayscale version is **26.4886, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.0033, 0.3356, 0.4314**, and **12.3729, 0.3413, 0.5071** is the 20% darker color. If you saturate the color by 10%, you get **29.3989, 0.3418, 0.4886**, and if you desaturate by 10%, it is **31.1370, 0.3344, 0.4299**.

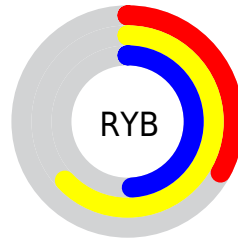
Distribution



Red (47%)

Green (63%)

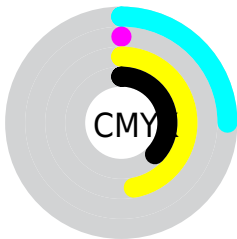
Blue (33%)



Red (33%)

Yellow (63%)

Blue (49%)

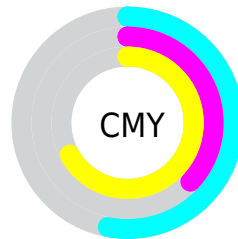


Cyan (25%)

Magenta (0%)

Yellow (47%)

Black (37%)



Cyan (53%)


Magenta (37%)


Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.2106, 0.3388, 0.4596 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 30.2106, 0.3388, 0.4596 by changing the saturation by 10% instead.


 30.2106, 0.3388,
0.4596


 30.2106, 0.3388,
0.4596


302.8849, 0.3276,
0.3867


 19.9985, 0.3404,
0.4803


 59.9951, 0.3355,
0.4313


 12.3939, 0.3412,
0.5081

 80.3362, 0.3339,
0.4212


 7.0126, 0.3399,
0.5471


 104.8225, 0.3326,
0.4129

 3.4700, 0.3431,
0.6247

 133.8383, 0.3314,
0.4059

 1.3817, 0.2957,
0.7043

 167.7681, 0.3303,
0.4000

 0.2032, 0.0000,
1.0000

206.9962, 0.3293,

 0.0000, 0.0000,

0.3950

0.0000

251.9070, 0.3284,
0.3906

■ 30.2106, 0.3388,
0.4596

■ 30.2106, 0.3388,
0.4596

■ 29.3989, 0.3418,
0.4886

■ 31.1370, 0.3344,
0.4299

■ 28.6925, 0.3431,
0.5154

■ 32.1790, 0.3292,
0.4006

■ 28.0868, 0.3424,
0.5386


■ 33.3426, 0.3233,
0.3726


■ 27.5750, 0.3396,
0.5569

■ 34.6320, 0.3172,
0.3465


■ 27.1474, 0.3351,
0.5698


■ 36.0515, 0.3110,
0.3225

 27.0383, 0.3338,
0.5732

 37.6049, 0.3050,
0.3008

 39.2958, 0.2992,
0.2812

 41.1280, 0.2937,
0.2638

 43.1047, 0.2885,
0.2482

Harmonies

Analogous

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



30.2106, 0.4035, 0.4483



30.2106, 0.3388, 0.4596



30.2106, 0.2707, 0.4216

Triad

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



30.2106, 0.3388, 0.4596



30.2106, 0.1921, 0.2356



30.2106, 0.4139, 0.3009

Complementary

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



30.2106, 0.3388, 0.4596



13.4305, 0.2710, 0.2007

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.



30.2106, 0.3453, 0.2568



30.2106, 0.3388, 0.4596



30.2106, 0.2203, 0.2197

Square

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



30.2106, 0.3388, 0.4596



30.2106, 0.1907, 0.2795



30.2106, 0.2739, 0.2279



30.2106, 0.4523, 0.3531

Rectangle

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



30.2106, 0.3388, 0.4596



30.2106, 0.2326, 0.3746



30.2106, 0.2739, 0.2279



30.2106, 0.3931, 0.2849

Sweetspot

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



30.2119, 0.3388, 0.4596



60.3670, 0.3215, 0.3647



22.7161, 0.4063, 0.3914



13.1396, 0.3227, 0.3702



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.



30.2119, 0.3388, 0.4596



52.5320, 0.3420, 0.4910



28.0983, 0.3050, 0.4714



8.0518, 0.3184, 0.3517



21.6178, 0.3344, 0.5727



0.4823, 0.3640, 0.5492

Inverse Universe

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



13.4305, 0.2710, 0.2007



18.6434, 0.2582, 0.1704



16.6034, 0.3196, 0.2187



7.0347, 0.3065, 0.3063



3.6121, 0.2094, 0.0927



0.1038, 0.2497, 0.1149

Previews

White Background



This preview shows how the Yxy color 30.2106, 0.3388, 0.4596 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 30.2106, 0.3388, 0.4596 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

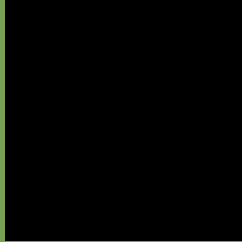
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.2106, 0.3388, 0.4596

Background



This preview shows how black text looks on a background with the Yxy color 30.2106, 0.3388, 0.4596.



This preview shows how white text looks on a background with the Yxy color 30.2106, 0.3388, 0.4596.

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

30.2106, 0.3388, 0.4596

Protanopia

29.9815, 0.3955, 0.4305

Deuteranopia

29.9079, 0.4114, 0.4024



Tritanopia

30.1234, 0.2840, 0.3099

Trichromacy



Original Color

30.2106, 0.3388, 0.4596

Protanomaly

29.6876, 0.3739, 0.4418

Deuteranomaly

29.5704, 0.3835, 0.4230

Tritanomaly

29.8591, 0.3053, 0.3625

Monochromacy



Original Color

30.2106, 0.3388, 0.4596

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

27.5224, 0.3240, 0.3770

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.2106, 0.3388, 0.4596 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(121, 161, 85)` looks like.

```
.text, #text, p{  
    color:rgb(121, 161, 85)  
}
```

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(121, 161, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 161, 85) }
```

Border

The CSS property to change the border of an element to Yxy 30.2106, 0.3388, 0.4596 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(121, 161, 85) }
```

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

```
.border{ border-color:rgb(121, 161, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 161, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 161, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 161, 85);  
box-shadow:4px 4px 4px 4px rgb(121, 161,  
85) }
```


Background

The CSS property to change the background color of an element to Yxy 30.2106, 0.3388, 0.4596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 161, 85) }
```

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

```
.background{ background-color: rgb(121,  
161, 85) }
```

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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