

Converting Colors

Yxy(34.4934, 0.2915, 0.4278)

Have a look what the booklet for
Yxy(34.4934, 0.2915, 0.4278)
contains.

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Color

Yxy(34.5093, 0.2919, 0.4282)

Conversions

Conversions Part 1

Format	Color
Hex	61AF76
RGB	97, 175, 118
RGB Percent	38%, 69%, 46%
CMY	0.6198, 0.3137, 0.5373
CMYK	0.45, 0.00, 0.33, 0.31
HSL	136°, 33%, 53%
HSV	136°, 45%, 69%
XYZ	23.5247, 34.5093, 22.5576
YIQ	145.1800, -28.1910, -34.2630

Conversions

Conversions Part 2

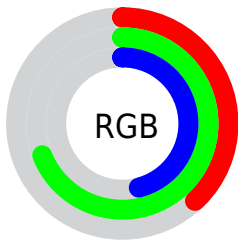
Format	Color
RYB	97, 158, 175
Decimal	6401910
CIELab	65.36, -36.78, 21.94
CIElCh	65, 42.829, 149.182
Yxy	34.5093, 0.2919, 0.4282
Android (android.graphics.Color)	4284591990 (0xFF61AF76)
YUV	145.1800, -13.3997, -42.2539
Hunter-Lab	58.7446, -31.3216, 18.3542

Details

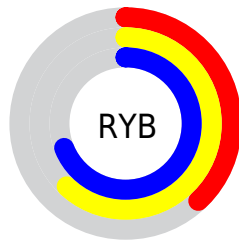
The Yxy color **34.5093, 0.2919, 0.4282** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **19.9861, 0.3442, 0.2476**, and the grayscale version is **28.4515, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.6334, 0.2971, 0.4074**, and **14.8410, 0.2822, 0.4660** is the 20% darker color. If you saturate the color by 10%, you get **33.3702, 0.2887, 0.4554**, and if you desaturate by 10%, it is **35.9045, 0.2959, 0.4023**.

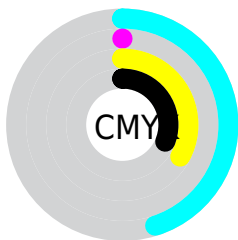
Distribution



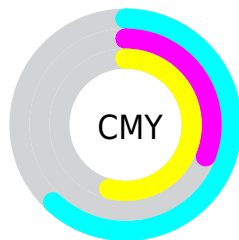
- Red (38%)
- Green (69%)
- Blue (46%)



- Red (38%)
- Yellow (62%)
- Blue (69%)



- Cyan (45%)
- Magenta (0%)
- Yellow (33%)
- Black (31%)




- Cyan (62%)
- Magenta (31%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.5093, 0.2919, 0.4282 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 34.5093, 0.2919, 0.4282 by changing the saturation by 10% instead.


 34.5093, 0.2919,
0.4282

 34.5093, 0.2919,
0.4282


322.3971, 0.3044,
0.3732


 23.2851, 0.2880,
0.4439


 66.7249, 0.2970,
0.4068

 14.8042, 0.2823,
0.4654


 88.4851, 0.2987,
0.3992

 8.6821, 0.2736,
0.4964


 114.5261, 0.3001,
0.3930

 4.5344, 0.2588,
0.5445

 145.2323, 0.3013,
0.3877

 1.9768, 0.2385,
0.6559

180.9881, 0.3022,
0.3833

 0.5939, 0.0000,
1.0000

222.1779, 0.3030,

 0.0000, 0.0000,

0.3795

0.0000

269.1861, 0.3037,
0.3761

■ 34.5093, 0.2919,
0.4282

■ 34.5093, 0.2919,
0.4282

■ 33.3702, 0.2887,
0.4554

■ 35.9045, 0.2959,
0.4023

■ 32.4671, 0.2867,
0.4831

■ 37.5659, 0.3005,
0.3783

■ 31.7839, 0.2860,
0.5100


■ 39.5081, 0.3054,
0.3566


■ 31.3004, 0.2869,
0.5347

■ 41.7436, 0.3104,
0.3372

■ 30.9926, 0.2892,
0.5560

■ 44.2840, 0.3154,
0.3200

 30.8714, 0.2905,
0.5659

 47.1403, 0.3202,
0.3050

 50.3229, 0.3248,
0.2919

 53.8417, 0.3292,
0.2805

 57.7064, 0.3333,
0.2705

Harmonies

Analogous

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



34.5093, 0.3561, 0.4504



34.5093, 0.2919, 0.4282



34.5093, 0.2366, 0.3680

Triad

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



34.5093, 0.2919, 0.4282



34.5093, 0.2165, 0.2290



34.5093, 0.4352, 0.3379

Complementary

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



34.5093, 0.2919, 0.4282



19.9861, 0.3442, 0.2476

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.



34.5093, 0.3897, 0.2902



34.5093, 0.2919, 0.4282



34.5093, 0.2603, 0.2303

Square

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



34.5093, 0.2919, 0.4282



34.5093, 0.1971, 0.2517



34.5093, 0.3233, 0.2522



34.5093, 0.4424, 0.3880

Rectangle

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



34.5093, 0.2919, 0.4282



34.5093, 0.2117, 0.3217



34.5093, 0.3233, 0.2522



34.5093, 0.4238, 0.3214

Sweetspot

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



34.5107, 0.2919, 0.4282



71.2687, 0.3061, 0.3538



38.4157, 0.3573, 0.4449



15.6588, 0.3050, 0.3582



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



34.5107, 0.2919, 0.4282



59.6965, 0.2886, 0.4563



35.6303, 0.2652, 0.3590



8.9735, 0.3081, 0.3460



22.1137, 0.2900, 0.5640



0.6244, 0.2728, 0.5019

Inverse Universe

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



19.9861, 0.3442, 0.2476



30.1944, 0.3542, 0.2306



18.8957, 0.4006, 0.3021



8.1107, 0.3177, 0.3126



7.6501, 0.4018, 0.1987



0.2213, 0.3724, 0.1825

Previews

White Background



This preview shows how the Yxy color 34.5093, 0.2919, 0.4282 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 34.5093, 0.2919, 0.4282 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

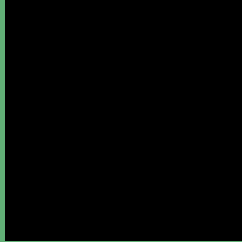
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.5093, 0.2919, 0.4282

Background



This preview shows how black text looks on a background with the Yxy color 34.5093, 0.2919, 0.4282.



This preview shows how white text looks on a background with the Yxy color 34.5093, 0.2919, 0.4282.

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

34.5093, 0.2919, 0.4282

Protanopia

34.1475, 0.3692, 0.3981

Deuteranopia

33.8776, 0.3767, 0.3683



Tritanopia

34.3531, 0.2566, 0.3070

Trichromacy



Original Color

34.5093, 0.2919, 0.4282

Protanomaly

33.6055, 0.3363, 0.4088

Deuteranomaly

33.2944, 0.3413, 0.3897

Tritanomaly

34.2822, 0.2694, 0.3486

Monochromacy



Original Color

34.5093, 0.2919, 0.4282

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

30.1154, 0.3043, 0.3642

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.5093, 0.2919, 0.4282 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(97, 175, 118)` looks like.

```
.text, #text, p{  
    color:rgb(97, 175, 118)  
}
```

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(97, 175, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 175, 118) }
```

Border

The CSS property to change the border of an element to Yxy 34.5093, 0.2919, 0.4282 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(97, 175, 118) }
```

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

```
.border{ border-color:rgb(97, 175, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 175, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 175, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 175, 118);  
box-shadow:4px 4px 4px 4px rgb(97, 175,  
118) }
```


Background

The CSS property to change the background color of an element to Yxy 34.5093, 0.2919, 0.4282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 175, 118) }
```

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

```
.background{ background-color: rgb(97, 175,  
118) }
```

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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