

Converting Colors

$Yxy(34.0472, 0.2926, 0.4366)$

Have a look what the booklet for
Yxy(34.0472, 0.2926, 0.4366)
contains.

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Color

Yxy(34.2319, 0.2933, 0.4379)

Conversions

Conversions Part 1

Format	Color
Hex	5EAF71
RGB	94, 175, 113
RGB Percent	37%, 69%, 44%
CMY	0.6312, 0.3137, 0.5570
CMYK	0.46, 0.00, 0.35, 0.31
HSL	134°, 34%, 53%
HSV	134°, 46%, 69%
XYZ	22.9281, 34.2319, 21.0129
YIQ	143.7130, -28.3740, -36.4540

Conversions

Conversions Part 2

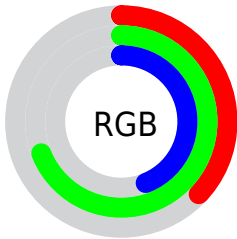
Format	Color
RYB	94, 160, 175
Decimal	6205297
CIELab	65.15, -38.52, 24.33
CIELCh	65, 45.557, 147.719
Yxy	34.2319, 0.2933, 0.4379
Android (android.graphics.Color)	4284395377 (0xFF5EAF71)
YUV	143.7130, -15.1415, -43.5983
Hunter-Lab	58.5080, -32.4386, 19.6619

Details

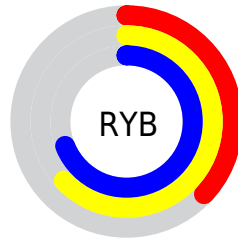
The Yxy color **34.2319, 0.2933, 0.4379** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **19.5286, 0.3418, 0.2411**, and the grayscale version is **27.8421, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.2580, 0.2987, 0.4144**, and **14.7013, 0.2837, 0.4802** is the 20% darker color. If you saturate the color by 10%, you get **33.1303, 0.2905, 0.4665**, and if you desaturate by 10%, it is **35.5907, 0.2969, 0.4104**.

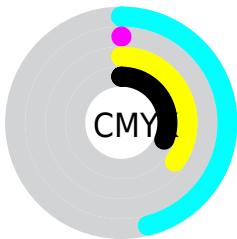
Distribution



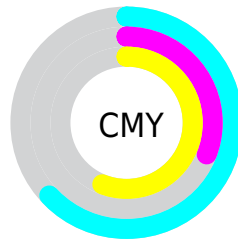
- Red (37%)
- Green (69%)
- Blue (44%)



- Red (37%)
- Yellow (63%)
- Blue (69%)



- Cyan (46%)
- Magenta (0%)
- Yellow (35%)
- Black (31%)





- Cyan (63%)
- Magenta (31%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.2319, 0.2933, 0.4379 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 34.2319, 0.2933, 0.4379 by changing the saturation by 10% instead.


 34.2319, 0.2933,
0.4379


 34.2319, 0.2933,
0.4379


321.1649, 0.3053,
0.3773


 23.0718, 0.2893,
0.4553


 66.2941, 0.2983,
0.4143


 14.6465, 0.2835,
0.4791


 87.9651, 0.3000,
0.4059

 8.5717, 0.2743,
0.5134


 113.9084, 0.3014,
0.3990

 4.4629, 0.2584,
0.5666

 144.5085, 0.3025,
0.3932

 1.9357, 0.2408,
0.7132

180.1498, 0.3034,
0.3884

 0.5697, 0.0000,
1.0000

221.2167, 0.3041,

 0.0000, 0.0000,

0.3842

0.0000

268.0936, 0.3048,
0.3805

■ 34.2319, 0.2933,
0.4379

■ 34.2319, 0.2933,
0.4379

■ 33.1303, 0.2905,
0.4665

■ 35.5907, 0.2969,
0.4104

■ 32.2654, 0.2889,
0.4952

■ 37.2173, 0.3010,
0.3849

■ 31.6203, 0.2885,
0.5224


■ 39.1267, 0.3054,
0.3616

■ 31.1740, 0.2895,
0.5468

■ 41.3318, 0.3099,
0.3408

■ 30.8990, 0.2918,
0.5669


■ 43.8445, 0.3144,
0.3224

 30.8196, 0.2926,
0.5733

 46.6761, 0.3187,
0.3063

 49.8373, 0.3228,
0.2923

 53.3384, 0.3267,
0.2801

 57.1890, 0.3304,
0.2695

Harmonies

Analogous

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



34.2319, 0.3614, 0.4586



34.2319, 0.2933, 0.4379



34.2319, 0.2341, 0.3742

Triad

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



34.2319, 0.2933, 0.4379



34.2319, 0.2093, 0.2237



34.2319, 0.4419, 0.3351

Complementary

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



34.2319, 0.2933, 0.4379



19.5286, 0.3418, 0.2411

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.



34.2319, 0.3916, 0.2854



34.2319, 0.2933, 0.4379



34.2319, 0.2541, 0.2241

Square

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



34.2319, 0.2933, 0.4379



34.2319, 0.1903, 0.2485



34.2319, 0.3201, 0.2462



34.2319, 0.4512, 0.3880

Rectangle

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



34.2319, 0.2933, 0.4379



34.2319, 0.2071, 0.3242



34.2319, 0.3201, 0.2462



34.2319, 0.4291, 0.3179

Sweetspot

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



34.2333, 0.2933, 0.4379



70.8296, 0.3063, 0.3572



38.5477, 0.3613, 0.4481



15.5668, 0.3054, 0.3618



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.



34.2333, 0.2933, 0.4379



59.2125, 0.2904, 0.4685



35.3552, 0.2656, 0.3650



8.9689, 0.3085, 0.3468



22.0790, 0.2921, 0.5715



0.6226, 0.2758, 0.5128

Inverse Universe

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



19.5286, 0.3418, 0.2411



29.4516, 0.3509, 0.2232



18.3783, 0.4013, 0.2972



8.1155, 0.3172, 0.3118



7.7707, 0.3893, 0.1918



0.2239, 0.3648, 0.1783

Previews

White Background



This preview shows how the Yxy color 34.2319, 0.2933, 0.4379 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 34.2319, 0.2933, 0.4379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

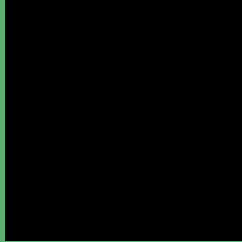
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.2319, 0.2933, 0.4379

Background



This preview shows how black text looks on a background with the Yxy color 34.2319, 0.2933, 0.4379.



This preview shows how white text looks on a background with the Yxy color 34.2319, 0.2933, 0.4379.

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

34.2319, 0.2933, 0.4379

Protanopia

33.7006, 0.3744, 0.4039

Deuteranopia

33.7555, 0.3818, 0.3753



Tritanopia

34.1839, 0.2559, 0.3084

Trichromacy



Original Color

34.2319, 0.2933, 0.4379



Protanomaly

33.4058, 0.3396, 0.4172



Deuteranomaly

33.0780, 0.3448, 0.3978



Tritanomaly

34.0928, 0.2694, 0.3521

Monochromacy



Original Color

34.2319, 0.2933, 0.4379



Achromatopsia

27.8894, 0.3127, 0.3290



Achromatomaly

29.5718, 0.3042, 0.3663

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.2319, 0.2933, 0.4379 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, 175, 113)` looks like.

```
.text, #text, p{  
    color:rgb(94, 175, 113)  
}
```

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, 175, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 175, 113) }
```

Border

The CSS property to change the border of an element to Yxy 34.2319, 0.2933, 0.4379 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, 175, 113) }
```

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

```
.border{ border-color:rgb(94, 175, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 175, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 175, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 175, 113);  
box-shadow:4px 4px 4px 4px rgb(94, 175,  
113) }
```


Background

The CSS property to change the background color of an element to Yxy 34.2319, 0.2933, 0.4379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 175, 113) }
```

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

```
.background{ background-color: rgb(94, 175,  
113) }
```

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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