

Converting Colors

Yxy(32.4337, 0.3064, 0.4638)

Have a look what the booklet for
Yxy(32.4337, 0.3064, 0.4638)
contains.

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Color

Yxy(32.3849, 0.3063, 0.4647)

Conversions

Conversions Part 1

Format	Color
Hex	5FAB5F
RGB	95, 171, 95
RGB Percent	37%, 67%, 37%
CMY	0.6276, 0.3294, 0.6273
CMYK	0.44, 0.00, 0.44, 0.33
HSL	120°, 31%, 52%
HSV	120°, 44%, 67%
XYZ	21.3460, 32.3849, 15.9590
YIQ	139.6120, -20.9000, -39.7480

Conversions

Conversions Part 2

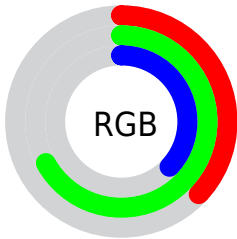
Format	Color
RYB	95, 171, 171
Decimal	6269791
CIELab	63.66, -39.44, 31.89
CIELCh	64, 50.721, 141.037
Yxy	32.3849, 0.3063, 0.4647
Android (android.graphics.Color)	4284459871 (0xFF5FAB5F)
YUV	139.6120, -21.9937, -39.1247
Hunter-Lab	56.9077, -32.6334, 23.2083

Details

The Yxy color **32.3849, 0.3063, 0.4647** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **19.7749, 0.3178, 0.2226**, and the grayscale version is **26.1585, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.4343, 0.3090, 0.4344**, and **13.6132, 0.2982, 0.5160** is the 20% darker color. If you saturate the color by 10%, you get **31.2917, 0.3046, 0.4999**, and if you desaturate by 10%, it is **33.7500, 0.3079, 0.4297**.

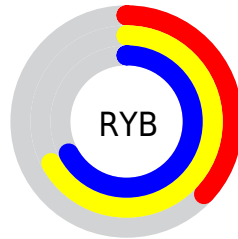
Distribution



Red (37%)

Green (67%)

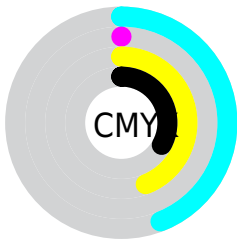
Blue (37%)



Red (37%)

Yellow (67%)

Blue (67%)

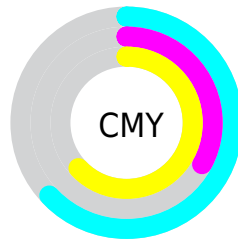


Cyan (44%)

Magenta (0%)

Yellow (44%)

Black (33%)



Cyan (63%)


Magenta (33%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 32.3849, 0.3063, 0.4647 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 32.3849, 0.3063, 0.4647 by changing the saturation by 10% instead.

 32.3849, 0.3063,
0.4647


 32.3849, 0.3063,
0.4647


312.8689, 0.3126,
0.3884


 21.6557, 0.3033,
0.4868


 63.4140, 0.3095,
0.4348


 13.6041, 0.2982,
0.5170


 84.4827, 0.3105,
0.4242

 7.8458, 0.2891,
0.5602


 109.7666, 0.3111,
0.4155

 3.9965, 0.2724,
0.6296

 139.6501, 0.3116,
0.4083

 1.6716, 0.2211,
0.7789

174.5178, 0.3119,
0.4022

 0.4052, 0.0000,
1.0000

214.7538, 0.3122,

 0.0000, 0.0000,

0.3969

0.0000

260.7427, 0.3124,
0.3923

■ 32.3849, 0.3063,
0.4647

■ 32.3849, 0.3063,
0.4647

■ 31.2917, 0.3046,
0.4999

■ 33.7500, 0.3079,
0.4297

■ 30.4485, 0.3031,
0.5331

■ 35.3990, 0.3095,
0.3967

■ 29.8366, 0.3018,
0.5614


■ 37.3483, 0.3109,
0.3666


■ 29.4332, 0.3008,
0.5825


■ 39.6117, 0.3122,
0.3399

■ 29.2106, 0.3002,
0.5951


■ 42.2022, 0.3133,
0.3165

 29.1288, 0.3000,
0.5999

 45.1321, 0.3143,
0.2962

 48.4130, 0.3151,
0.2788

 52.0561, 0.3158,
0.2639

 56.0719, 0.3164,
0.2511

Harmonies

Analogous

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



32.3849, 0.3819, 0.4731



32.3849, 0.3063, 0.4647



32.3849, 0.2365, 0.3994

Triad

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



32.3849, 0.3063, 0.4647



32.3849, 0.1904, 0.2149



32.3849, 0.4501, 0.3214

Complementary

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



32.3849, 0.3063, 0.4647



19.7749, 0.3178, 0.2226

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.



32.3849, 0.3847, 0.2690



32.3849, 0.3063, 0.4647



32.3849, 0.2333, 0.2102

Square

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



32.3849, 0.3063, 0.4647



32.3849, 0.1760, 0.2481



32.3849, 0.3025, 0.2297



32.3849, 0.4708, 0.3795

Rectangle

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



32.3849, 0.3063, 0.4647



32.3849, 0.2027, 0.3412



32.3849, 0.3025, 0.2297



32.3849, 0.4323, 0.3030

Sweetspot

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



32.3863, 0.3063, 0.4647



67.3534, 0.3111, 0.3631



38.6128, 0.3775, 0.4361



14.8382, 0.3108, 0.3692



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



32.3863, 0.3063, 0.4647



56.1291, 0.3047, 0.4981



33.2526, 0.2795, 0.3953



8.9395, 0.3116, 0.3524



21.9569, 0.3000, 0.5999



0.6109, 0.2999, 0.5996

Inverse Universe

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



19.7749, 0.3178, 0.2226



30.7214, 0.3187, 0.2031



18.5299, 0.3689, 0.2722



8.1480, 0.3138, 0.3067



8.7392, 0.3211, 0.1543



0.2432, 0.3211, 0.1542

Previews

White Background



This preview shows how the Yxy color 32.3849, 0.3063, 0.4647 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 32.3849, 0.3063, 0.4647 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 32.3849, 0.3063, 0.4647

Background



This preview shows how black text looks on a background with the Yxy color 32.3849, 0.3063, 0.4647.



This preview shows how white text looks on a background with the Yxy color 32.3849, 0.3063, 0.4647.

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

32.3849, 0.3063, 0.4647

Protanopia

31.8286, 0.3901, 0.4231

Deuteranopia

31.9974, 0.4003, 0.3935



Tritanopia

32.3153, 0.2595, 0.3081

Trichromacy



Original Color

32.3849, 0.3063, 0.4647



Protanomaly

31.5597, 0.3551, 0.4405



Deuteranomaly

31.3532, 0.3618, 0.4188



Tritanomaly

31.9888, 0.2764, 0.3613

Monochromacy



Original Color

32.3849, 0.3063, 0.4647



Achromatopsia

26.2251, 0.3127, 0.3290



Achromatomaly

27.8735, 0.3105, 0.3760

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.3849, 0.3063, 0.4647 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(95, 171, 95)` looks like.

```
.text, #text, p{  
    color:rgb(95, 171, 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(95, 171, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 171, 95) }
```

Border

The CSS property to change the border of an element to Yxy 32.3849, 0.3063, 0.4647 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(95, 171, 95) }
```

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

```
.border{ border-color:rgb(95, 171, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 171, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 171, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 171, 95);  
box-shadow:4px 4px 4px 4px rgb(95, 171,  
95) }
```


Background

The CSS property to change the background color of an element to Yxy 32.3849, 0.3063, 0.4647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 171, 95) }
```

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

```
.background{ background-color: rgb(95, 171,  
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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