

Converting Colors

$Y_{xy}(32.3493, 0.3312, 0.5396)$

Have a look what the booklet for
Yxy(32.3493, 0.3312, 0.5396)
contains.

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Color

Yxy(32.3597, 0.3309, 0.5394)

Conversions

Conversions Part 1

Format	Color
Hex	5CAD2E
RGB	92, 173, 46
RGB Percent	36%, 68%, 18%
CMY	0.6391, 0.3216, 0.8197
CMYK	0.47, 0.00, 0.73, 0.32
HSL	98°, 58%, 43%
HSV	98°, 73%, 68%
XYZ	19.8514, 32.3597, 7.7810
YIQ	134.3030, -7.5090, -56.6690

Conversions

Conversions Part 2

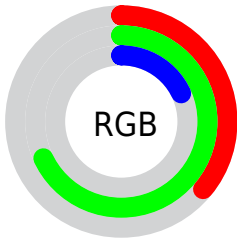
Format	Color
RYB	46, 173, 127
Decimal	6073646
CIELab	63.64, -46.62, 54.31
CIELCh	64, 71.575, 130.638
Yxy	32.3597, 0.3309, 0.5394
Android (android.graphics.Color)	4284263726 (0xFF5CAD2E)
YUV	134.3030, -43.5334, -37.0997
Hunter-Lab	56.8856, -37.2586, 31.7101

Details

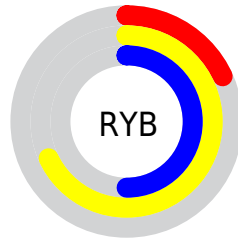
The Yxy color **32.3597, 0.3309, 0.5394** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **9.4771, 0.2569, 0.1410**, and the grayscale version is **24.1244, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.3483, 0.3335, 0.4945**, and **13.7090, 0.3122, 0.5903** is the 20% darker color. If you saturate the color by 10%, you get **31.7238, 0.3280, 0.5608**, and if you desaturate by 10%, it is **33.1361, 0.3321, 0.5130**.

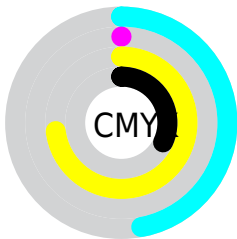
Distribution



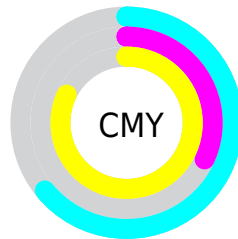
- Red (36%)
- Green (68%)
- Blue (18%)



- Red (18%)
- Yellow (68%)
- Blue (50%)



- Cyan (47%)
- Magenta (0%)
- Yellow (73%)
- Black (32%)





- Cyan (64%)
- Magenta (32%)
- Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.3597, 0.3309, 0.5394 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 32.3597, 0.3309, 0.5394 by changing the saturation by 10% instead.


 32.3597, 0.3309,
0.5394


 32.3597, 0.3309,
0.5394


312.7546, 0.3294,
0.4223


 21.6364, 0.3270,
0.5709


 63.3746, 0.3331,
0.4947

 13.5900, 0.3188,
0.6113


 84.4349, 0.3330,
0.4784


 7.8360, 0.3057,
0.6722


 109.7097, 0.3326,
0.4650

 3.9902, 0.2676,
0.7324

 139.5834, 0.3320,
0.4537

 1.6681, 0.1512,
0.8488

 174.4403, 0.3314,
0.4441

 0.4029, 0.0000,
1.0000

 214.6649, 0.3307,

 0.0000, 0.0000,

0.4358

0.0000

260.6415, 0.3301,
0.4286

■ 32.3597, 0.3309,
0.5394

■ 32.3597, 0.3309,
0.5394

■ 31.7238, 0.3280,
0.5608

■ 33.1361, 0.3321,
0.5130

■ 31.2134, 0.3236,
0.5762

■ 34.0580, 0.3316,
0.4833

■ 30.9351, 0.3204,
0.5838

■ 35.1351, 0.3296,
0.4522

■ 36.3750, 0.3266,
0.4210

■ 37.7847, 0.3229,
0.3910

■ 39.3709, 0.3187,
0.3630

■ 41.1398, 0.3143,
0.3372

■ 43.0972, 0.3098,
0.3140

■ 45.2488, 0.3054,
0.2933

Harmonies

Analogous

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



32.3597, 0.4286, 0.5073



32.3597, 0.3309, 0.5394



32.3597, 0.2336, 0.4742

Triad

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



32.3597, 0.3309, 0.5394



32.3597, 0.1425, 0.1858



32.3597, 0.4797, 0.2885

Complementary

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



32.3597, 0.3309, 0.5394



9.4771, 0.2569, 0.1410

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.



32.3597, 0.3714, 0.2280



32.3597, 0.3309, 0.5394



32.3597, 0.1826, 0.1715

Square

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



32.3597, 0.3309, 0.5394



32.3597, 0.1355, 0.2390



32.3597, 0.2602, 0.1868



32.3597, 0.5292, 0.3584

Rectangle

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



32.3597, 0.3309, 0.5394



32.3597, 0.1827, 0.3877



32.3597, 0.2602, 0.1868



32.3597, 0.4476, 0.2668

Sweetspot

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



32.3611, 0.3309, 0.5394



67.9511, 0.3225, 0.3880



24.1116, 0.4568, 0.4363



14.6163, 0.3235, 0.3956



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.



32.3611, 0.3309, 0.5394



56.2308, 0.3255, 0.5710



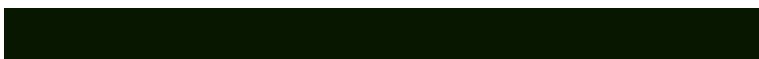
30.8257, 0.2948, 0.5358



9.0754, 0.3169, 0.3521



22.7559, 0.3211, 0.5832



0.6645, 0.3469, 0.5628

Inverse Universe

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



9.4771, 0.2569, 0.1410



12.9383, 0.2415, 0.1157



13.2385, 0.3449, 0.1885



8.0007, 0.3082, 0.3063



4.6984, 0.2329, 0.1057



0.1601, 0.2603, 0.1208

Previews

White Background



This preview shows how the Yxy color 32.3597, 0.3309, 0.5394 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 32.3597, 0.3309, 0.5394 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 32.3597, 0.3309, 0.5394

Background



This preview shows how black text looks on a background with the Yxy color 32.3597, 0.3309, 0.5394.



This preview shows how white text looks on a background with the Yxy color 32.3597, 0.3309, 0.5394.

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

32.3597, 0.3309, 0.5394

Protanopia

32.0420, 0.4275, 0.4728

Deuteranopia

31.9295, 0.4468, 0.4389



Tritanopia

32.0564, 0.2614, 0.3081

Trichromacy



Original Color

32.3597, 0.3309, 0.5394

Protanomaly

31.5038, 0.3885, 0.4994

Deuteranomaly

31.0025, 0.4006, 0.4767

Tritanomaly

31.4458, 0.2908, 0.3956

Monochromacy



Original Color

32.3597, 0.3309, 0.5394

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

26.0611, 0.3260, 0.4125

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.3597, 0.3309, 0.5394 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(92, 173, 46)` looks like.

```
.text, #text, p{  
    color:rgb(92, 173, 46)  
}
```

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(92, 173, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 173, 46) }
```

Border

The CSS property to change the border of an element to Yxy 32.3597, 0.3309, 0.5394 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(92, 173, 46) }
```

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

```
.border{ border-color:rgb(92, 173, 46) }
```

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

Here you see how a box with a 4 pixel rgb(92, 173, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 173, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 173, 46);  
box-shadow:4px 4px 4px 4px rgb(92, 173,  
46) }
```


Background

The CSS property to change the background color of an element to Yxy 32.3597, 0.3309, 0.5394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 173, 46) }
```

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

```
.background{ background-color: rgb(92, 173,  
46) }
```

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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