

Converting Colors

$Yxy(32.4103, 0.3549, 0.4522)$

Have a look what the booklet for
Yxy(32.4103, 0.3549, 0.4522)
contains.

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Color

Yxy(32.3715, 0.3549, 0.4511)

Conversions

Conversions Part 1

Format	Color
Hex	8BA357
RGB	139, 163, 87
RGB Percent	55%, 64%, 34%
CMY	0.4548, 0.3608, 0.6588
CMYK	0.15, 0.00, 0.47, 0.36
HSL	79°, 30%, 49%
HSV	79°, 47%, 64%
XYZ	25.4681, 32.3715, 13.9217
YIQ	147.1600, 10.0920, -28.7240

Conversions

Conversions Part 2

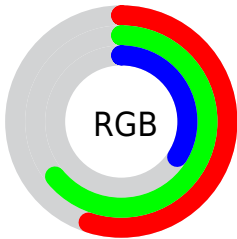
Format	Color
RYB	87, 163, 111
Decimal	9151319
CIELab	63.65, -20.97, 36.57
CIELCh	64, 42.153, 119.829
Yxy	32.3715, 0.3549, 0.4511
Android (android.graphics.Color)	4287341399 (0xFF8BA357)
YUV	147.1600, -29.6589, -7.1563
Hunter-Lab	56.8960, -19.6668, 25.3197

Details

The Yxy color **32.3715, 0.3549, 0.4511** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **12.8376, 0.2524, 0.1955**, and the grayscale version is **29.3715, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.4471, 0.3486, 0.4261**, and **13.5351, 0.3634, 0.4936** is the 20% darker color. If you saturate the color by 10%, you get **31.7036, 0.3614, 0.4767**, and if you desaturate by 10%, it is **33.1233, 0.3469, 0.4242**.

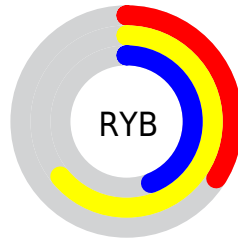
Distribution



Red (55%)

Green (64%)

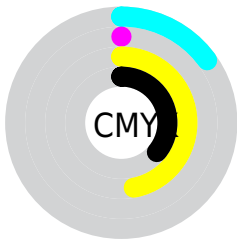
Blue (34%)



Red (34%)

Yellow (64%)

Blue (44%)

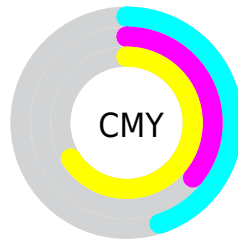


Cyan (15%)

Magenta (0%)

Yellow (47%)

Black (36%)



Cyan (45%)


Magenta (36%)


Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.3715, 0.3549, 0.4511 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 32.3715, 0.3549, 0.4511 by changing the saturation by 10% instead.


 32.3715, 0.3549,
0.4511

 32.3715, 0.3549,
0.4511


312.8081, 0.3350,
0.3846

 21.6454, 0.3589,
0.4692


 63.3930, 0.3482,
0.4257


 13.5966, 0.3631,
0.4932


 84.4573, 0.3455,
0.4165


 7.8406, 0.3667,
0.5257


 109.7363, 0.3431,
0.4089

 3.9931, 0.3741,
0.5829

 139.6146, 0.3411,
0.4025

 1.6697, 0.3570,
0.6430

 174.4766, 0.3393,
0.3970

 0.4039, 0.0000,
1.0000

214.7065, 0.3377,

 0.0000, 0.0000,

0.3923

0.0000

260.6889, 0.3362,
0.3882

■ 32.3715, 0.3549,
0.4511

■ 32.3715, 0.3549,
0.4511

■ 31.7036, 0.3614,
0.4767

■ 33.1233, 0.3469,
0.4242

■ 31.1108, 0.3661,
0.4998

■ 33.9585, 0.3380,
0.3970

■ 30.5898, 0.3685,
0.5194


■ 34.8825, 0.3286,
0.3704


■ 30.1348, 0.3685,
0.5345

■ 35.8985, 0.3190,
0.3450


■ 29.7377, 0.3662,
0.5450


■ 37.0099, 0.3096,
0.3212

 29.6113, 0.3652,
0.5482

 38.2197, 0.3005,
0.2992

 39.5307, 0.2918,
0.2791

 40.9459, 0.2837,
0.2609

 42.4678, 0.2762,
0.2444

Harmonies

Analogous

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



32.3715, 0.4112, 0.4322



32.3715, 0.3549, 0.4511



32.3715, 0.2904, 0.4278

Triad

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



32.3715, 0.3549, 0.4511



32.3715, 0.1967, 0.2506



32.3715, 0.3914, 0.2909

Complementary

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



32.3715, 0.3549, 0.4511



12.8376, 0.2524, 0.1955

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.



32.3715, 0.3248, 0.2525



32.3715, 0.3549, 0.4511



32.3715, 0.2168, 0.2283

Square

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



32.3715, 0.3549, 0.4511



32.3715, 0.2026, 0.2989



32.3715, 0.2612, 0.2301



32.3715, 0.4365, 0.3390

Rectangle

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



32.3715, 0.3549, 0.4511



32.3715, 0.2516, 0.3896



32.3715, 0.2612, 0.2301



32.3715, 0.3703, 0.2767

Sweetspot

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



32.3729, 0.3549, 0.4511



62.8894, 0.3263, 0.3642



19.5825, 0.4177, 0.3655



14.0431, 0.3283, 0.3696



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



32.3729, 0.3549, 0.4511



56.7340, 0.3617, 0.4777



29.7180, 0.3189, 0.4664



8.1247, 0.3215, 0.3515



23.0391, 0.3657, 0.5478



0.5075, 0.3861, 0.5316

Inverse Universe

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



12.8376, 0.2524, 0.1955



17.3729, 0.2352, 0.1631



15.7372, 0.2981, 0.2114



6.9633, 0.3034, 0.3061



2.6324, 0.1738, 0.0731



0.0795, 0.2150, 0.0958

Previews

White Background



This preview shows how the Yxy color 32.3715, 0.3549, 0.4511 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 32.3715, 0.3549, 0.4511 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

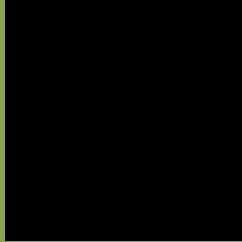
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.3715, 0.3549, 0.4511

Background



This preview shows how black text looks on a background with the Yxy color 32.3715, 0.3549, 0.4511.



This preview shows how white text looks on a background with the Yxy color 32.3715, 0.3549, 0.4511.

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

32.3715, 0.3549, 0.4511

Protanopia

32.1863, 0.3949, 0.4306

Deuteranopia

32.1876, 0.4134, 0.4055



Tritanopia

32.2539, 0.2971, 0.3108

Trichromacy



Original Color

32.3715, 0.3549, 0.4511

Protanomaly

32.0389, 0.3800, 0.4380

Deuteranomaly

32.0667, 0.3914, 0.4210

Tritanomaly

31.9398, 0.3191, 0.3608

Monochromacy



Original Color

32.3715, 0.3549, 0.4511

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

30.1924, 0.3299, 0.3745

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.3715, 0.3549, 0.4511 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(139, 163, 87)` looks like.

```
.text, #text, p{  
    color:rgb(139, 163, 87)  
}
```

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(139, 163, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 163, 87) }
```

Border

The CSS property to change the border of an element to Yxy 32.3715, 0.3549, 0.4511 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(139, 163, 87) }
```

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

```
.border{ border-color:rgb(139, 163, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 163, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(139, 163, 87); -webkit-box-shadow:4px 4px 4px 4px rgb(139, 163, 87); box-shadow:4px 4px 4px 4px rgb(139, 163, 87) }
```


Background

The CSS property to change the background color of an element to Yxy 32.3715, 0.3549, 0.4511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 163, 87) }
```

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

```
.background{ background-color: rgb(139,  
163, 87) }
```

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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