

Converting Colors

$Yxy(35.4019, 0.3472, 0.4731)$

Have a look what the booklet for
Yxy(35.4019, 0.3472, 0.4731)
contains.

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Color

$\text{Yxy}(35.4019, 0.3472, 0.4731)$

Conversions

Conversions Part 1

Format	Color
Hex	84AD52
RGB	132, 173, 82
RGB Percent	52%, 68%, 32%
CMY	0.4824, 0.3215, 0.6784
CMYK	0.24, 0.00, 0.53, 0.32
HSL	87°, 36%, 50%
HSV	87°, 53%, 68%
XYZ	25.9808, 35.4019, 13.4469
YIQ	150.3670, 4.7750, -36.9930

Conversions

Conversions Part 2

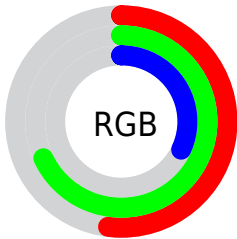
Format	Color
RYB	82, 173, 123
Decimal	8695122
CIELab	66.06, -29.21, 41.89
CIElCh	66, 51.067, 124.894
Yxy	35.4019, 0.3472, 0.4731
Android (android.graphics.Color)	4286885202 (0xFF84AD52)
YUV	150.3670, -33.7049, -16.1079
Hunter-Lab	59.4995, -26.1809, 28.2501

Details

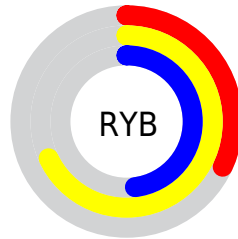
The Yxy color **35.4019, 0.3472, 0.4731** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **13.2653, 0.2562, 0.1814**, and the grayscale version is **30.8078, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.3246, 0.3427, 0.4434**, and **15.2427, 0.3511, 0.5203** is the 20% darker color. If you saturate the color by 10%, you get **34.5671, 0.3504, 0.4999**, and if you desaturate by 10%, it is **36.3532, 0.3423, 0.4446**.

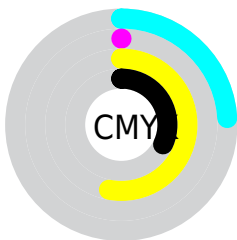
Distribution



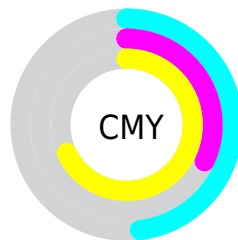
- Red (52%)
- Green (68%)
- Blue (32%)



- Red (32%)
- Yellow (68%)
- Blue (48%)



- Cyan (24%)
- Magenta (0%)
- Yellow (53%)
- Black (32%)





- Cyan (48%)
- Magenta (32%)
- Yellow (68%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 35.4019, 0.3472, 0.4731 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 35.4019, 0.3472, 0.4731 by changing the saturation by 10% instead.


 35.4019, 0.3472,
0.4731


 35.4019, 0.3472,
0.4731


 326.3388, 0.3327,
0.3949

 23.9726, 0.3492,
0.4941


 68.1079, 0.3430,
0.4434


 15.3133, 0.3504,
0.5216


 90.1534, 0.3410,
0.4326

 9.0396, 0.3493,
0.5584


 116.5065, 0.3393,
0.4237

 4.7670, 0.3494,
0.6228

 147.5515, 0.3377,
0.4161

 2.1112, 0.3179,
0.6821

 183.6728, 0.3362,
0.4096

 0.6709, 0.0000,
1.0000

225.2549, 0.3350,

 0.0000, 0.0000,

0.4041

0.0000

272.6821, 0.3338,
0.3992

■ 35.4019, 0.3472,
0.4731

■ 35.4019, 0.3472,
0.4731

■ 34.5671, 0.3504,
0.4999

■ 36.3532, 0.3423,
0.4446

■ 33.8380, 0.3516,
0.5236

■ 37.4219, 0.3362,
0.4157

■ 33.2094, 0.3505,
0.5430

■ 38.6147, 0.3293,
0.3873

■ 32.6731, 0.3472,
0.5572

■ 39.9364, 0.3220,
0.3604

■ 32.3239, 0.3439,
0.5652

■ 41.3913, 0.3146,
0.3352

■ 42.9839, 0.3073,
0.3121

■ 44.7180, 0.3003,
0.2911

■ 46.5976, 0.2936,
0.2722

■ 48.6263, 0.2873,
0.2552

Harmonies

Analogous

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



35.4019, 0.4159, 0.4542



35.4019, 0.3472, 0.4731



35.4019, 0.2731, 0.4375

Triad

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



35.4019, 0.3472, 0.4731



35.4019, 0.1816, 0.2310



35.4019, 0.4167, 0.2929

Complementary

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



35.4019, 0.3472, 0.4731



13.2653, 0.2562, 0.1814

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.



35.4019, 0.3398, 0.2473



35.4019, 0.3472, 0.4731



35.4019, 0.2088, 0.2117

Square

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



35.4019, 0.3472, 0.4731



35.4019, 0.1828, 0.2806



35.4019, 0.2635, 0.2185



35.4019, 0.4627, 0.3480

Rectangle

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



35.4019, 0.3472, 0.4731



35.4019, 0.2309, 0.3870



35.4019, 0.2635, 0.2185



35.4019, 0.3930, 0.2763

Sweetspot

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



35.4035, 0.3472, 0.4731



70.6201, 0.3248, 0.3701



23.6491, 0.4258, 0.3898



15.2453, 0.3262, 0.3754



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.



35.4035, 0.3472, 0.4731



61.6950, 0.3507, 0.5037



32.5038, 0.3082, 0.4921



9.1480, 0.3196, 0.3519



23.7790, 0.3446, 0.5646



0.6934, 0.3671, 0.5467

Inverse Universe

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



13.2653, 0.2562, 0.1814



17.7745, 0.2401, 0.1492



17.4276, 0.3127, 0.2033



7.9273, 0.3053, 0.3060



3.4389, 0.1947, 0.0846



0.1284, 0.2306, 0.1044

Previews

White Background



This preview shows how the Yxy color 35.4019, 0.3472, 0.4731 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 35.4019, 0.3472, 0.4731 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

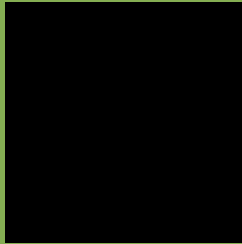
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.4019, 0.3472, 0.4731

Background



This preview shows how black text looks on a background with the Yxy color 35.4019, 0.3472, 0.4731.



This preview shows how white text looks on a background with the Yxy color 35.4019, 0.3472, 0.4731.

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

35.4019, 0.3472, 0.4731

Protanopia

35.0388, 0.4040, 0.4413

Deuteranopia

35.2063, 0.4221, 0.4142



Tritanopia

35.3487, 0.2857, 0.3097

Trichromacy



Original Color

35.4019, 0.3472, 0.4731

Protanomaly

35.0518, 0.3829, 0.4539

Deuteranomaly

34.6817, 0.3942, 0.4348

Tritanomaly

35.1659, 0.3091, 0.3682

Monochromacy



Original Color

35.4019, 0.3472, 0.4731

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

31.7740, 0.3279, 0.3822

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.4019, 0.3472, 0.4731 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(132, 173, 82)` looks like.

```
.text, #text, p{  
    color:rgb(132, 173, 82)  
}
```

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(132, 173, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 173, 82) }
```

Border

The CSS property to change the border of an element to Yxy 35.4019, 0.3472, 0.4731 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(132, 173, 82) }
```

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

```
.border{ border-color:rgb(132, 173, 82) }
```

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

Here you see how a box with a 4 pixel rgb(132, 173, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 173, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 173, 82);  
box-shadow:4px 4px 4px 4px rgb(132, 173,  
82) }
```


Background

The CSS property to change the background color of an element to Yxy 35.4019, 0.3472, 0.4731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 173, 82) }
```

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

```
.background{ background-color: rgb(132,  
173, 82) }
```

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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