

Converting Colors

$Yxy(36.4471, 0.3605, 0.4734)$

Have a look what the booklet for
Yxy(36.4471, 0.3605, 0.4734)
contains.

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Color

Yxy(36.2768, 0.3606, 0.4731)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 8FAD4E |
| RGB | 143, 173, 78 |
| RGB Percent | 56%, 68%, 31% |
| CMY | 0.4391, 0.3216, 0.6941 |
| CMYK | 0.17, 0.00, 0.55, 0.32 |
| HSL | 79°, 38%, 49% |
| HSV | 79°, 55%, 68% |
| XYZ | 27.6504, 36.2768, 12.7517 |
| YIQ | 153.2000, 12.6150, -35.9050 |

Conversions

Conversions Part 2

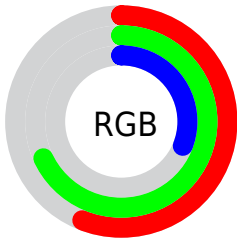
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 78, 173, 108 |
| Decimal | 9416014 |
| CIELab | 66.73, -25.30, 44.79 |
| CIELCh | 67, 51.438, 119.458 |
| Yxy | 36.2768, 0.3606, 0.4731 |
| Android (android.graphics.Color) | 4287606094 (0xFF8FAD4E) |
| YUV | 153.2000, -37.0736, -8.9454 |
| Hunter-Lab | 60.2302, -23.4573, 29.6085 |

Details

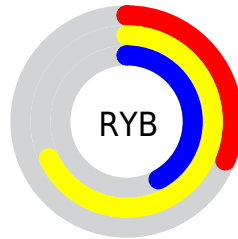
The Yxy color **36.2768, 0.3606, 0.4731** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **11.6514, 0.2383, 0.1688**, and the grayscale version is **32.1105, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.7924, 0.3540, 0.4444**, and **15.9230, 0.3671, 0.5200** is the 20% darker color. If you saturate the color by 10%, you get **35.5867, 0.3656, 0.4968**, and if you desaturate by 10%, it is **37.0591, 0.3538, 0.4471**.

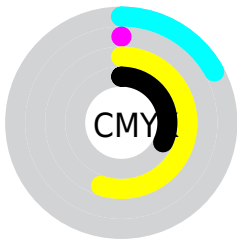
Distribution



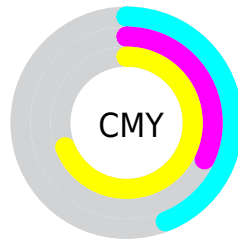
- Red (56%)
- Green (68%)
- Blue (31%)



- Red (31%)
- Yellow (68%)
- Blue (42%)



- Cyan (17%)
- Magenta (0%)
- Yellow (55%)
- Black (32%)





- Cyan (44%)
- Magenta (32%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.2768, 0.3606, 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 36.2768, 0.3606, 0.4731 by changing the saturation by 10% instead.


 36.2768, 0.3606,
0.4731


 36.2768, 0.3606,
0.4731


330.1688, 0.3394,
0.3961

 24.6481, 0.3642,
0.4932


 69.4591, 0.3540,
0.4443


 15.8150, 0.3674,
0.5190


 91.7814, 0.3511,
0.4337

 9.3934, 0.3687,
0.5527


 118.4370, 0.3486,
0.4248

 4.9986, 0.3747,
0.6141

 149.8104, 0.3463,
0.4173

 2.2465, 0.3444,
0.6556

 186.2858, 0.3443,
0.4109

 0.7452, 0.1085,
0.8915

228.2478, 0.3425,

 0.0000, 0.0000,

0.4053

0.0000

276.0806, 0.3409,
0.4004

■ 36.2768, 0.3606,
0.4731

■ 36.2768, 0.3606,
0.4731

■ 35.5867, 0.3656,
0.4968

■ 37.0591, 0.3538,
0.4471

■ 34.9783, 0.3683,
0.5170

■ 37.9338, 0.3456,
0.4199

■ 34.4470, 0.3686,
0.5328

■ 38.9069, 0.3365,
0.3927

■ 33.9850, 0.3665,
0.5438

■ 39.9829, 0.3270,
0.3661

■ 33.7676, 0.3650,
0.5484

■ 41.1655, 0.3174,
0.3408

■ 42.4584, 0.3080,
0.3172

■ 43.8653, 0.2989,
0.2955

■ 45.3894, 0.2903,
0.2756

■ 47.0339, 0.2823,
0.2577

Harmonies

Analogous

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



36.2768, 0.4262, 0.4466



36.2768, 0.3606, 0.4731



36.2768, 0.2861, 0.4481

Triad

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



36.2768, 0.3606, 0.4731



36.2768, 0.1798, 0.2377



36.2768, 0.4041, 0.2838

Complementary

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



36.2768, 0.3606, 0.4731



11.6514, 0.2383, 0.1688

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.



36.2768, 0.3251, 0.2407



36.2768, 0.3606, 0.4731



36.2768, 0.2019, 0.2133

Square

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



36.2768, 0.3606, 0.4731



36.2768, 0.1862, 0.2931



36.2768, 0.2517, 0.2156



36.2768, 0.4577, 0.3376

Rectangle

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



36.2768, 0.3606, 0.4731



36.2768, 0.2415, 0.4019



36.2768, 0.2517, 0.2156



36.2768, 0.3789, 0.2678

Sweetspot

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



36.2784, 0.3606, 0.4731



71.3362, 0.3283, 0.3697



19.8449, 0.4456, 0.3713



15.4180, 0.3302, 0.3749



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.



36.2784, 0.3606, 0.4731



63.4802, 0.3664, 0.5016



32.9772, 0.3187, 0.4946



9.2016, 0.3216, 0.3517



24.8399, 0.3656, 0.5480



0.7184, 0.3825, 0.5345

Inverse Universe

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



11.6514, 0.2383, 0.1688



14.8251, 0.2178, 0.1330



15.3353, 0.2943, 0.1913



7.8752, 0.3033, 0.3059



2.8317, 0.1736, 0.0730



0.1084, 0.2094, 0.0927

Previews

White Background



This preview shows how the Yxy color 36.2768, 0.3606, 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 36.2768, 0.3606, 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 36.2768, 0.3606, 0.4731

Background



This preview shows how black text looks on a background with the Yxy color 36.2768, 0.3606, 0.4731.



This preview shows how white text looks on a background with the Yxy color 36.2768, 0.3606, 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

36.2768, 0.3606, 0.4731

Protanopia

36.0520, 0.4079, 0.4454

Deuteranopia

35.8778, 0.4278, 0.4185



Tritanopia

36.2975, 0.2944, 0.3102

Trichromacy



Original Color

36.2768, 0.3606, 0.4731

Protanomaly

36.0097, 0.3906, 0.4555

Deuteranomaly

35.6675, 0.4031, 0.4380

Tritanomaly

36.1102, 0.3210, 0.3702

Monochromacy



Original Color

36.2768, 0.3606, 0.4731

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

33.0375, 0.3327, 0.3825

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.2768, 0.3606, 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(143, 173, 78)` looks like.

```
.text, #text, p{  
    color:rgb(143, 173, 78)  
}
```

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(143, 173, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 173, 78) }
```

Border

The CSS property to change the border of an element to Yxy 36.2768, 0.3606, 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(143, 173, 78) }
```

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

```
.border{ border-color:rgb(143, 173, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 173, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 173, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 173, 78);  
box-shadow:4px 4px 4px 4px rgb(143, 173,  
78) }
```


Background

The CSS property to change the background color of an element to Yxy 36.2768, 0.3606, 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(143, 173, 78) }
```

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

```
.background{ background-color: rgb(143,  
173, 78) }
```

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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