

Converting Colors

$Y_{xy}(30.6454, 0.3849, 0.4884)$

Have a look what the booklet for
Yxy(30.6454, 0.3849, 0.4884)
contains.

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Color

Yxy(30.4524, 0.3852, 0.4887)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 8E9E34 |
| RGB | 142, 158, 52 |
| RGB Percent | 56%, 62%, 20% |
| CMY | 0.4431, 0.3804, 0.7962 |
| CMYK | 0.10, 0.00, 0.67, 0.38 |
| HSL | 69°, 50%, 41% |
| HSV | 69°, 67%, 62% |
| XYZ | 24.0030, 30.4524, 7.8577 |
| YIQ | 141.1320, 24.4900, -36.3580 |

Conversions

Conversions Part 2

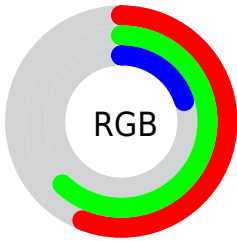
| Format | Color |
|-------------------------------------|--|
| RYB | 52, 158, 68 |
| Decimal | 9346612 |
| CIELab | 62.04, -20.35, 51.29 |
| CIELCh | 62, 55.178, 111.640 |
| Yxy | 30.4524, 0.3852, 0.4887 |
| Android (android.graphics.Color) | 4287536692 (0xFF8E9E34) |
| YUV | 141.1320, -43.9421, 0.7612 |
| Hunter-Lab | 55.1837, -18.9301, 30.1862 |

Details

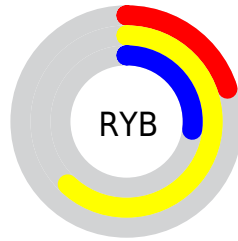
The Yxy color **30.4524, 0.3852, 0.4887** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **6.1495, 0.1998, 0.1256**, and the grayscale version is **26.8593, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.5937, 0.3746, 0.4578**, and **12.5901, 0.3898, 0.5287** is the 20% darker color. If you saturate the color by 10%, you get **30.1260, 0.3903, 0.5047**, and if you desaturate by 10%, it is **30.8337, 0.3777, 0.4690**.

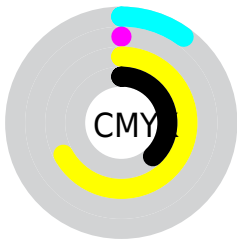
Distribution



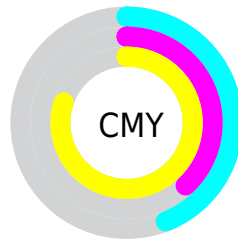
- Red (56%)
- Green (62%)
- Blue (20%)



- Red (20%)
- Yellow (62%)
- Blue (27%)



- Cyan (10%)
- Magenta (0%)
- Yellow (67%)
- Black (38%)



- Cyan (44%)
- Magenta (38%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.4524, 0.3852, 0.4887 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 30.4524, 0.3852, 0.4887 by changing the saturation by 10% instead.


 30.4524, 0.3852,
0.4887


 30.4524, 0.3852,
0.4887


304.0075, 0.3519,
0.4033

 20.1822, 0.3908,
0.5102


 60.3769, 0.3747,
0.4571


 12.5276, 0.3955,
0.5368


 80.8000, 0.3702,
0.4453

 7.1041, 0.4015,
0.5761


 105.3762, 0.3662,
0.4354

 3.5273, 0.3898,
0.6102

 134.4899, 0.3626,
0.4270

 1.4128, 0.3529,
0.6471

 168.5255, 0.3595,
0.4198

 0.2261, 0.0000,
1.0000

 207.8674, 0.3567,

 0.0000, 0.0000,

0.4136

0.0000

252.8999, 0.3542,
0.4081

■ 30.4524, 0.3852,
0.4887

■ 30.4524, 0.3852,
0.4887

■ 30.1260, 0.3903,
0.5047

■ 30.8337, 0.3777,
0.4690

■ 29.8454, 0.3930,
0.5163

■ 31.2701, 0.3684,
0.4464

■ 29.6039, 0.3933,
0.5240

■ 31.7669, 0.3575,
0.4219

■ 29.5370, 0.3933,
0.5259

■ 32.3274, 0.3457,
0.3964

■ 32.9549, 0.3335,
0.3709

■ 33.6524, 0.3213,
0.3460

■ 34.4226, 0.3093,
0.3223

■ 35.2682, 0.2978,
0.3000

■ 36.1918, 0.2870,
0.2794

Harmonies

Analogous

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



30.4524, 0.4537, 0.4447



30.4524, 0.3852, 0.4887



30.4524, 0.3023, 0.4808

Triad

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



30.4524, 0.3852, 0.4887



30.4524, 0.1639, 0.2380



30.4524, 0.3940, 0.2640

Complementary

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



30.4524, 0.3852, 0.4887



6.1495, 0.1998, 0.1256

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.



30.4524, 0.3026, 0.2214



30.4524, 0.3852, 0.4887



30.4524, 0.1801, 0.2037

Square

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



30.4524, 0.3852, 0.4887



30.4524, 0.1786, 0.3087



30.4524, 0.2266, 0.1999



30.4524, 0.4662, 0.3204

Rectangle

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



30.4524, 0.3852, 0.4887



30.4524, 0.2497, 0.4365



30.4524, 0.2266, 0.1999



30.4524, 0.3636, 0.2479

Sweetspot

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



30.4538, 0.3852, 0.4887



59.4568, 0.3376, 0.3792



11.6360, 0.5081, 0.3524



13.3361, 0.3408, 0.3860



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



30.4538, 0.3852, 0.4887



54.4186, 0.3921, 0.5116



26.8298, 0.3307, 0.5227



7.6697, 0.3239, 0.3513



23.6691, 0.3935, 0.5258



0.4357, 0.4046, 0.5170

Inverse Universe

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



6.1495, 0.1998, 0.1256



7.0561, 0.1750, 0.0876



8.9790, 0.2654, 0.1561



6.4809, 0.3010, 0.3061



2.1424, 0.1574, 0.0641



0.0502, 0.1849, 0.0792

Previews

White Background



This preview shows how the Yxy color 30.4524, 0.3852, 0.4887 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 30.4524, 0.3852, 0.4887 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

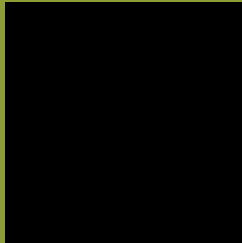
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.4524, 0.3852, 0.4887

Background



This preview shows how black text looks on a background with the Yxy color 30.4524, 0.3852, 0.4887.



This preview shows how white text looks on a background with the Yxy color 30.4524, 0.3852, 0.4887.

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

30.4524, 0.3852, 0.4887

Protanopia

30.3678, 0.4223, 0.4642

Deuteranopia

30.0805, 0.4456, 0.4372



Tritanopia

30.4553, 0.3074, 0.3122

Trichromacy



Original Color

30.4524, 0.3852, 0.4887

Protanomaly

30.3924, 0.4089, 0.4727

Deuteranomaly

30.0017, 0.4234, 0.4560

Tritanomaly

30.2021, 0.3403, 0.3804

Monochromacy



Original Color

30.4524, 0.3852, 0.4887

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

27.6343, 0.3437, 0.3929

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.4524, 0.3852, 0.4887 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(142, 158, 52)` looks like.

```
.text, #text, p{  
    color:rgb(142, 158, 52)  
}
```

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(142, 158, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 158, 52) }
```

Border

The CSS property to change the border of an element to Yxy 30.4524, 0.3852, 0.4887 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(142, 158, 52) }
```

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

```
.border{ border-color:rgb(142, 158, 52) }
```

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

Here you see how a box with a 4 pixel rgb(142, 158, 52) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 158, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 158, 52);  
box-shadow:4px 4px 4px 4px rgb(142, 158,  
52) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 30.4524, 0.3852, 0.4887$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 158, 52) }
```

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

```
.background{ background-color: rgb(142,  
158, 52) }
```

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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