

Converting Colors

$Yxy(34.5540, 0.3505, 0.4556)$

Have a look what the booklet for
Yxy(34.5540, 0.3505, 0.4556)
contains.

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Color

Yxy(34.5862, 0.3507, 0.4554)

Conversions

Conversions Part 1

Format	Color
Hex	8BA959
RGB	139, 169, 89
RGB Percent	55%, 66%, 35%
CMY	0.4550, 0.3372, 0.6509
CMYK	0.18, 0.00, 0.47, 0.34
HSL	83°, 32%, 51%
HSV	83°, 47%, 66%
XYZ	26.6346, 34.5862, 14.7261
YIQ	150.9100, 7.8000, -31.2400

Conversions

Conversions Part 2

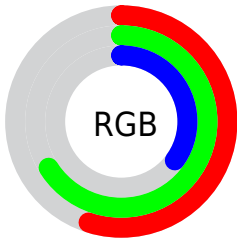
Format	Color
RYB	89, 169, 119
Decimal	9152857
CIELab	65.43, -23.78, 37.73
CIELCh	65, 44.594, 122.220
Yxy	34.5862, 0.3507, 0.4554
Android (android.graphics.Color)	4287342937 (0xFF8BA959)
YUV	150.9100, -30.5216, -10.4451
Hunter-Lab	58.8100, -22.0764, 26.3207

Details

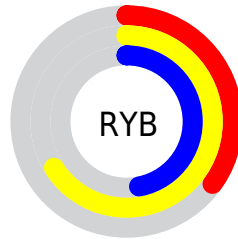
The Yxy color **34.5862, 0.3507, 0.4554** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **13.9388, 0.2565, 0.1948**, and the grayscale version is **31.0360, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.7037, 0.3451, 0.4285**, and **14.9020, 0.3570, 0.4984** is the 20% darker color. If you saturate the color by 10%, you get **33.8050, 0.3561, 0.4820**, and if you desaturate by 10%, it is **35.4674, 0.3438, 0.4276**.

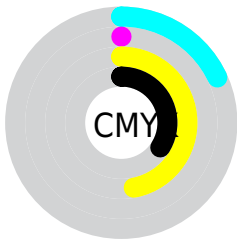
Distribution



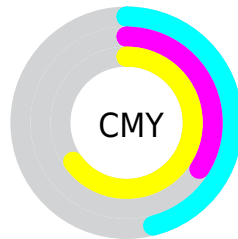
- Red (55%)
- Green (66%)
- Blue (35%)



- Red (35%)
- Yellow (66%)
- Blue (47%)



- Cyan (18%)
- Magenta (0%)
- Yellow (47%)
- Black (34%)




- Cyan (46%)
- Magenta (34%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.5862, 0.3507, 0.4554 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 34.5862, 0.3507, 0.4554 by changing the saturation by 10% instead.


 34.5862, 0.3507,
0.4554


 34.5862, 0.3507,
0.4554


322.7381, 0.3334,
0.3869


 23.3443, 0.3539,
0.4739


 66.8442, 0.3451,
0.4294

 14.8479, 0.3571,
0.4982


 88.6291, 0.3428,
0.4199

 8.7127, 0.3592,
0.5312


 114.6972, 0.3407,
0.4121

 4.5543, 0.3614,
0.5838

 145.4327, 0.3389,
0.4055

 1.9882, 0.3475,
0.6525

181.2202, 0.3373,
0.3998

 0.6006, 0.0000,
1.0000

222.4440, 0.3358,

 0.0000, 0.0000,

0.3949

0.0000

269.4885, 0.3345,
0.3907

■ 34.5862, 0.3507,
0.4554

■ 34.5862, 0.3507,
0.4554

■ 33.8050, 0.3561,
0.4820

■ 35.4674, 0.3438,
0.4276

■ 33.1142, 0.3596,
0.5061

■ 36.4485, 0.3360,
0.3997

■ 32.5096, 0.3608,
0.5265


■ 37.5355, 0.3276,
0.3726


■ 31.9847, 0.3596,
0.5423

■ 38.7323, 0.3190,
0.3468


■ 31.5298, 0.3564,
0.5533

■ 40.0426, 0.3105,
0.3228

 31.4157, 0.3554,
0.5560

 41.4700, 0.3022,
0.3007

 43.0179, 0.2943,
0.2806

 44.6895, 0.2869,
0.2625

 46.4878, 0.2800,
0.2461

Harmonies

Analogous

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



34.5862, 0.4102, 0.4381



34.5862, 0.3507, 0.4554



34.5862, 0.2843, 0.4277

Triad

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



34.5862, 0.3507, 0.4554



34.5862, 0.1940, 0.2451



34.5862, 0.3990, 0.2933

Complementary

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



34.5862, 0.3507, 0.4554



13.9388, 0.2565, 0.1948

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.



34.5862, 0.3307, 0.2528



34.5862, 0.3507, 0.4554



34.5862, 0.2166, 0.2245

Square

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



34.5862, 0.3507, 0.4554



34.5862, 0.1978, 0.2927



34.5862, 0.2641, 0.2283



34.5862, 0.4429, 0.3430

Rectangle

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



34.5862, 0.3507, 0.4554



34.5862, 0.2452, 0.3862



34.5862, 0.2641, 0.2283



34.5862, 0.3777, 0.2784

Sweetspot

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



34.5877, 0.3507, 0.4554



67.8527, 0.3250, 0.3645



22.1967, 0.4162, 0.3742



14.6948, 0.3267, 0.3699



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



34.5877, 0.3507, 0.4554



60.4433, 0.3564, 0.4837



31.7931, 0.3144, 0.4711



8.6309, 0.3207, 0.3517



23.4416, 0.3560, 0.5555



0.5981, 0.3775, 0.5384

Inverse Universe

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



13.9388, 0.2565, 0.1948



18.8738, 0.2400, 0.1625



17.3165, 0.3045, 0.2117



7.4327, 0.3042, 0.3061



2.9629, 0.1823, 0.0778



0.1014, 0.2223, 0.0998

Previews

White Background



This preview shows how the Yxy color 34.5862, 0.3507, 0.4554 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 34.5862, 0.3507, 0.4554 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 34.5862, 0.3507, 0.4554

Background



This preview shows how black text looks on a background with the Yxy color 34.5862, 0.3507, 0.4554.



This preview shows how white text looks on a background with the Yxy color 34.5862, 0.3507, 0.4554.

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

34.5862, 0.3507, 0.4554

Protanopia

34.5661, 0.3971, 0.4327

Deuteranopia

34.2610, 0.4150, 0.4058



Tritanopia

34.6042, 0.2931, 0.3112

Trichromacy



Original Color

34.5862, 0.3507, 0.4554

Protanomaly

34.5477, 0.3798, 0.4422

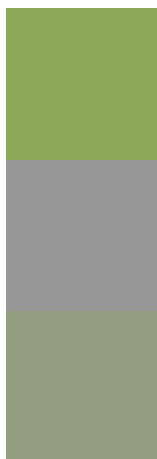
Deuteranomaly

34.1107, 0.3897, 0.4234

Tritanomaly

34.2584, 0.3150, 0.3617

Monochromacy



Original Color

34.5862, 0.3507, 0.4554

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

32.2153, 0.3292, 0.3767

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.5862, 0.3507, 0.4554 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, 169, 89)` looks like.

```
.text, #text, p{  
    color:rgb(139, 169, 89)  
}
```

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, 169, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 169, 89) }
```

Border

The CSS property to change the border of an element to Yxy 34.5862, 0.3507, 0.4554 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, 169, 89) }
```

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

```
.border{ border-color:rgb(139, 169, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 169, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 169, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 169, 89);  
box-shadow:4px 4px 4px 4px rgb(139, 169,  
89) }
```


Background

The CSS property to change the background color of an element to Yxy 34.5862, 0.3507, 0.4554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 169, 89) }
```

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

```
.background{ background-color: rgb(139,  
169, 89) }
```

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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