

Converting Colors

Yxy(34.5684, 0.3636, 0.4548)

Have a look what the booklet for
Yxy(34.5684, 0.3636, 0.4548)
contains.

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Color

Yxy(34.5892, 0.3637, 0.4547)

Conversions

Conversions Part 1

Format	Color
Hex	94A755
RGB	148, 167, 85
RGB Percent	58%, 65%, 33%
CMY	0.4197, 0.3450, 0.6666
CMYK	0.11, 0.00, 0.49, 0.35
HSL	74°, 33%, 49%
HSV	74°, 49%, 65%
XYZ	27.6668, 34.5892, 13.8144
YIQ	151.9710, 14.9980, -29.5300

Conversions

Conversions Part 2

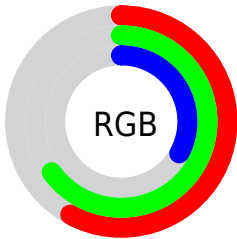
Format	Color
RYB	85, 167, 104
Decimal	9742165
CIELab	65.43, -19.61, 39.90
CIELCh	65, 44.456, 116.180
Yxy	34.5892, 0.3637, 0.4547
Android (android.graphics.Color)	4287932245 (0xFF94A755)
YUV	151.9710, -33.0167, -3.4826
Hunter-Lab	58.8126, -18.9515, 27.2423

Details

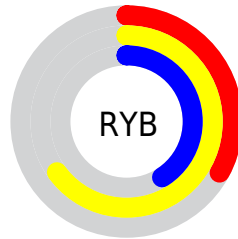
The Yxy color **34.5892, 0.3637, 0.4547** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **12.2358, 0.2406, 0.1847**, and the grayscale version is **31.5253, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.7452, 0.3551, 0.4288**, and **14.8217, 0.3731, 0.4952** is the 20% darker color. If you saturate the color by 10%, you get **34.0002, 0.3713, 0.4783**, and if you desaturate by 10%, it is **35.2561, 0.3545, 0.4292**.

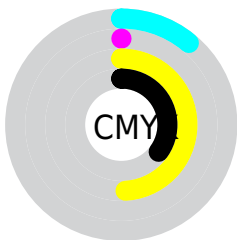
Distribution



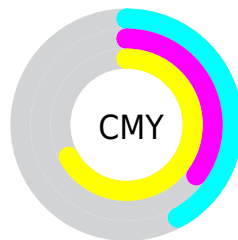
- Red (58%)
- Green (65%)
- Blue (33%)



- Red (33%)
- Yellow (65%)
- Blue (41%)



- Cyan (11%)
- Magenta (0%)
- Yellow (49%)
- Black (35%)




- Cyan (42%)
- Magenta (35%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.5892, 0.3637, 0.4547 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 34.5892, 0.3637, 0.4547 by changing the saturation by 10% instead.


 34.5892, 0.3637,
0.4547


 34.5892, 0.3637,
0.4547


322.7514, 0.3396,
0.3874


 23.3466, 0.3686,
0.4725


 66.8489, 0.3556,
0.4294


 14.8496, 0.3739,
0.4955


 88.6348, 0.3524,
0.4201

 8.7139, 0.3787,
0.5260

 114.7038, 0.3495,
0.4124

 4.5551, 0.3873,
0.5777

 145.4405, 0.3470,
0.4058

 1.9887, 0.3729,
0.6271

 181.2293, 0.3448,
0.4002

 0.6009, 0.1332,
0.8668

222.4544, 0.3429,

 0.0000, 0.0000,

0.3953

0.0000

269.5003, 0.3412,
0.3911

■ 34.5892, 0.3637,
0.4547

■ 34.5892, 0.3637,
0.4547

■ 34.0002, 0.3713,
0.4783

■ 35.2561, 0.3545,
0.4292

■ 33.4799, 0.3768,
0.4990

■ 36.0003, 0.3443,
0.4028

■ 33.0245, 0.3800,
0.5158


■ 36.8273, 0.3335,
0.3766


■ 32.6281, 0.3806,
0.5281

■ 37.7406, 0.3226,
0.3511


■ 32.2787, 0.3792,
0.5365


■ 38.7435, 0.3118,
0.3269

 32.2482, 0.3791,
0.5372

 39.8391, 0.3013,
0.3043

 41.0304, 0.2914,
0.2835

 42.3203, 0.2821,
0.2645

 43.7113, 0.2735,
0.2472

Harmonies

Analogous

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



34.5892, 0.4196, 0.4304



34.5892, 0.3637, 0.4547



34.5892, 0.2974, 0.4368

Triad

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



34.5892, 0.3637, 0.4547



34.5892, 0.1929, 0.2527



34.5892, 0.3862, 0.2843

Complementary

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



34.5892, 0.3637, 0.4547



12.2358, 0.2406, 0.1847

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.



34.5892, 0.3164, 0.2466



34.5892, 0.3637, 0.4547



34.5892, 0.2102, 0.2269

Square

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



34.5892, 0.3637, 0.4547



34.5892, 0.2022, 0.3055



34.5892, 0.2529, 0.2260



34.5892, 0.4367, 0.3327

Rectangle

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



34.5892, 0.3637, 0.4547



34.5892, 0.2563, 0.3998



34.5892, 0.2529, 0.2260



34.5892, 0.3637, 0.2702

Sweetspot

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



34.5908, 0.3637, 0.4547



66.5518, 0.3293, 0.3667



18.5293, 0.4315, 0.3568



14.8204, 0.3316, 0.3719



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.



34.5908, 0.3637, 0.4547



60.7865, 0.3719, 0.4805



31.5016, 0.3249, 0.4722



8.6847, 0.3228, 0.3516



24.6955, 0.3795, 0.5369



0.6217, 0.3934, 0.5258

Inverse Universe

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



12.2358, 0.2406, 0.1847



16.0112, 0.2207, 0.1497



15.1986, 0.2882, 0.2020



7.3815, 0.3021, 0.3059



2.4811, 0.1641, 0.0677



0.0825, 0.1974, 0.0861

Previews

White Background



This preview shows how the Yxy color 34.5892, 0.3637, 0.4547 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 34.5892, 0.3637, 0.4547 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 34.5892, 0.3637, 0.4547

Background



This preview shows how black text looks on a background with the Yxy color 34.5892, 0.3637, 0.4547.



This preview shows how white text looks on a background with the Yxy color 34.5892, 0.3637, 0.4547.

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

34.5892, 0.3637, 0.4547

Protanopia

34.5194, 0.3995, 0.4364

Deuteranopia

34.3238, 0.4197, 0.4102



Tritanopia

34.6251, 0.3021, 0.3115

Trichromacy



Original Color

34.5892, 0.3637, 0.4547

Protanomaly

34.4645, 0.3860, 0.4435

Deuteranomaly

34.1656, 0.3981, 0.4257

Tritanomaly

34.2238, 0.3257, 0.3627

Monochromacy



Original Color

34.5892, 0.3637, 0.4547

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

32.2518, 0.3335, 0.3746

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.5892, 0.3637, 0.4547 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(148, 167, 85)` looks like.

```
.text, #text, p{  
    color:rgb(148, 167, 85)  
}
```

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(148, 167, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 167, 85) }
```

Border

The CSS property to change the border of an element to Yxy 34.5892, 0.3637, 0.4547 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(148, 167, 85) }
```

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

```
.border{ border-color:rgb(148, 167, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 167, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 167, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 167, 85);  
box-shadow:4px 4px 4px 4px rgb(148, 167,  
85) }
```


Background

The CSS property to change the background color of an element to Yxy 34.5892, 0.3637, 0.4547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 167, 85) }
```

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

```
.background{ background-color: rgb(148,  
167, 85) }
```

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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