

Converting Colors

Yxy(34.9860, 0.3332, 0.4612)

Have a look what the booklet for
Yxy(34.9860, 0.3332, 0.4612)
contains.

Yxy(35.0198, 0.3338, 0.4614)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(35.0198, 0.3338, 0.4614)

Conversions

Conversions Part 1

Format	Color
Hex	7DAD5C
RGB	125, 173, 92
RGB Percent	49%, 68%, 36%
CMY	0.5097, 0.3216, 0.6393
CMYK	0.28, 0.00, 0.47, 0.32
HSL	96°, 33%, 52%
HSV	96°, 47%, 68%
XYZ	25.3351, 35.0198, 15.5441
YIQ	149.4140, -2.6070, -35.3670

Conversions

Conversions Part 2

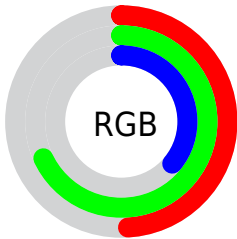
Format	Color
RYB	92, 173, 140
Decimal	8236380
CIELab	65.76, -30.65, 36.44
CIElCh	66, 47.618, 130.061
Yxy	35.0198, 0.3338, 0.4614
Android (android.graphics.Color)	4286426460 (0xFF7DAD5C)
YUV	149.4140, -28.3051, -21.4111
Hunter-Lab	59.1775, -27.1412, 25.8506

Details

The Yxy color **35.0198, 0.3338, 0.4614** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **16.2388, 0.2775, 0.2032**, and the grayscale version is **30.3632, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.6359, 0.3311, 0.4336**, and **15.0238, 0.3346, 0.5078** is the 20% darker color. If you saturate the color by 10%, you get **34.0208, 0.3359, 0.4916**, and if you desaturate by 10%, it is **36.1704, 0.3304, 0.4306**.

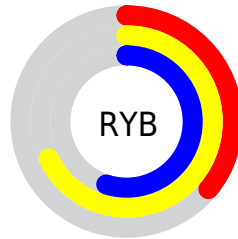
Distribution



Red (49%)

Green (68%)

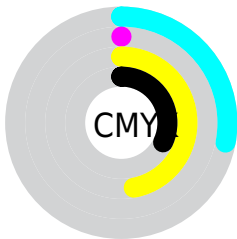
Blue (36%)



Red (36%)

Yellow (68%)

Blue (55%)

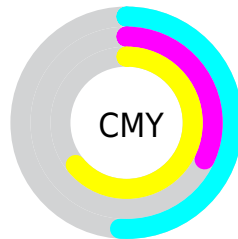


Cyan (28%)

Magenta (0%)

Yellow (47%)

Black (32%)



Cyan (51%)


Magenta (32%)


Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.0198, 0.3338, 0.4614 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 35.0198, 0.3338, 0.4614 by changing the saturation by 10% instead.


 35.0198, 0.3338,
0.4614


 35.0198, 0.3338,
0.4614


324.6557, 0.3256,
0.3889


 23.6781, 0.3346,
0.4814


 67.5164, 0.3316,
0.4336

 15.0950, 0.3346,
0.5080


 89.4402, 0.3305,
0.4236

 8.8861, 0.3324,
0.5448


 115.6601, 0.3295,
0.4153

 4.6670, 0.3266,
0.6015

 146.5606, 0.3286,
0.4083

 2.0532, 0.3077,
0.6923

182.5260, 0.3277,
0.4024

 0.6381, 0.0000,
1.0000

223.9407, 0.3269,

 0.0000, 0.0000,

0.3972

0.0000

271.1891, 0.3262,
0.3928

■ 35.0198, 0.3338,
0.4614

■ 35.0198, 0.3338,
0.4614

■ 34.0208, 0.3359,
0.4916

■ 36.1704, 0.3304,
0.4306

■ 33.1617, 0.3363,
0.5196

■ 37.4748, 0.3262,
0.4006

■ 32.4362, 0.3350,
0.5439


■ 38.9405, 0.3214,
0.3721

■ 31.8353, 0.3317,
0.5630

■ 40.5734, 0.3163,
0.3457


■ 31.3473, 0.3269,
0.5762


■ 42.3790, 0.3111,
0.3216

 31.2102, 0.3253,
0.5799

 44.3624, 0.3060,
0.3000

 46.5287, 0.3011,
0.2806

 48.8827, 0.2964,
0.2634

 51.4289, 0.2920,
0.2482

Harmonies

Analogous

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



35.0198, 0.4006, 0.4528



35.0198, 0.3338, 0.4614



35.0198, 0.2650, 0.4190

Triad

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



35.0198, 0.3338, 0.4614



35.0198, 0.1912, 0.2317



35.0198, 0.4202, 0.3040

Complementary

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



35.0198, 0.3338, 0.4614



16.2388, 0.2775, 0.2032

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.



35.0198, 0.3515, 0.2584



35.0198, 0.3338, 0.4614



35.0198, 0.2218, 0.2176

Square

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



35.0198, 0.3338, 0.4614



35.0198, 0.1877, 0.2740



35.0198, 0.2780, 0.2277



35.0198, 0.4562, 0.3573

Rectangle

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



35.0198, 0.3338, 0.4614



35.0198, 0.2273, 0.3697



35.0198, 0.2780, 0.2277



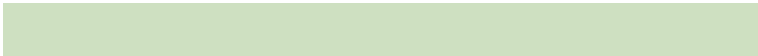
35.0198, 0.3997, 0.2875

Sweetspot

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



35.0213, 0.3338, 0.4614



70.4692, 0.3201, 0.3650



28.1915, 0.4022, 0.3988



15.1864, 0.3211, 0.3707



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.



35.0213, 0.3338, 0.4614



60.9061, 0.3359, 0.4920



33.0568, 0.3015, 0.4615



9.0929, 0.3175, 0.3520



22.9605, 0.3261, 0.5793



0.6712, 0.3518, 0.5588

Inverse Universe

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



16.2388, 0.2775, 0.2032



23.1774, 0.2671, 0.1758



19.2971, 0.3263, 0.2251



7.9827, 0.3075, 0.3062



4.3442, 0.2229, 0.1001



0.1518, 0.2529, 0.1167

Previews

White Background



This preview shows how the Yxy color 35.0198, 0.3338, 0.4614 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 35.0198, 0.3338, 0.4614 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

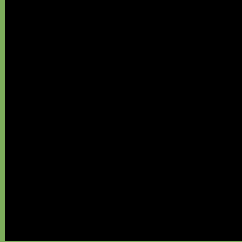
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.0198, 0.3338, 0.4614

Background



This preview shows how black text looks on a background with the Yxy color 35.0198, 0.3338, 0.4614.



This preview shows how white text looks on a background with the Yxy color 35.0198, 0.3338, 0.4614.

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

35.0198, 0.3338, 0.4614

Protanopia

34.5984, 0.3954, 0.4302

Deuteranopia

34.6570, 0.4106, 0.4022



Tritanopia

34.7322, 0.2798, 0.3094

Trichromacy



Original Color

35.0198, 0.3338, 0.4614

Protanomaly

34.4403, 0.3716, 0.4416

Deuteranomaly

34.2927, 0.3805, 0.4239

Tritanomaly

34.6683, 0.3003, 0.3640

Monochromacy



Original Color

35.0198, 0.3338, 0.4614

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

31.5877, 0.3221, 0.3777

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.0198, 0.3338, 0.4614 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(125, 173, 92)` looks like.

```
.text, #text, p{  
    color:rgb(125, 173, 92)  
}
```

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(125, 173, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 173, 92) }
```

Border

The CSS property to change the border of an element to Yxy 35.0198, 0.3338, 0.4614 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(125, 173, 92) }
```

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

```
.border{ border-color:rgb(125, 173, 92) }
```

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

Here you see how a box with a 4 pixel rgb(125, 173, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 173, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 173, 92);  
box-shadow:4px 4px 4px 4px rgb(125, 173,  
92) }
```


Background

The CSS property to change the background color of an element to Yxy 35.0198, 0.3338, 0.4614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 173, 92) }
```

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

```
.background{ background-color: rgb(125,  
173, 92) }
```

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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