

Converting Colors

$Yxy(35.0313, 0.3452, 0.4437)$

Have a look what the booklet for
Yxy(35.0313, 0.3452, 0.4437)
contains.

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Color

Yxy(35.1880, 0.3453, 0.4443)

Conversions

Conversions Part 1

Format	Color
Hex	8CAA61
RGB	140, 170, 97
RGB Percent	55%, 67%, 38%
CMY	0.4510, 0.3333, 0.6195
CMYK	0.18, 0.00, 0.43, 0.33
HSL	85°, 30%, 52%
HSV	85°, 43%, 67%
XYZ	27.3473, 35.1880, 16.6634
YIQ	152.7080, 5.5530, -29.0630

Conversions

Conversions Part 2

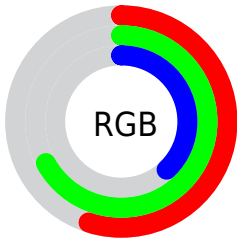
Format	Color
RYB	97, 170, 127
Decimal	9218657
CIELab	65.89, -22.91, 34.22
CIELCh	66, 41.179, 123.800
Yxy	35.1880, 0.3453, 0.4443
Android (android.graphics.Color)	4287408737 (0xFF8CAA61)
YUV	152.7080, -27.4640, -11.1449
Hunter-Lab	59.3195, -21.5174, 24.8685

Details

The Yxy color **35.1880, 0.3453, 0.4443** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **15.9691, 0.2659, 0.2093**, and the grayscale version is **31.8422, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.6225, 0.3406, 0.4198**, and **15.2450, 0.3510, 0.4849** is the 20% darker color. If you saturate the color by 10%, you get **34.3175, 0.3508, 0.4721**, and if you desaturate by 10%, it is **36.1681, 0.3386, 0.4159**.

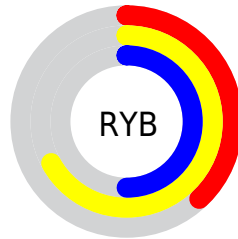
Distribution



Red (55%)

Green (67%)

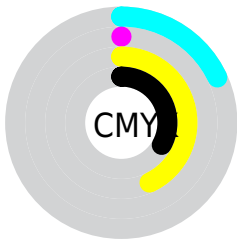
Blue (38%)



Red (38%)

Yellow (67%)

Blue (50%)

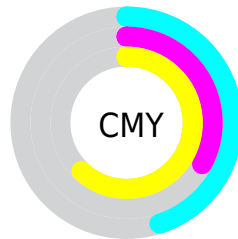


Cyan (18%)

Magenta (0%)

Yellow (43%)

Black (33%)



Cyan (45%)


Magenta (33%)


Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 35.1880, 0.3453, 0.4443 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 35.1880, 0.3453, 0.4443 by changing the saturation by 10% instead.


 35.1880, 0.3453,
0.4443


 35.1880, 0.3453,
0.4443


325.3974, 0.3303,
0.3819


 23.8077, 0.3482,
0.4613


 67.7769, 0.3404,
0.4206

 15.1911, 0.3512,
0.4837


 89.7543, 0.3384,
0.4119

 8.9536, 0.3536,
0.5145


 116.0329, 0.3366,
0.4048

 4.7109, 0.3540,
0.5595

 146.9971, 0.3350,
0.3988

 2.0787, 0.3549,
0.6451

183.0312, 0.3336,
0.3936

 0.6526, 0.0856,
0.9144

224.5197, 0.3324,

 0.0000, 0.0000,

0.3892

0.0000

271.8470, 0.3313,
0.3853

■ 35.1880, 0.3453,
0.4443

■ 35.1880, 0.3453,
0.4443

■ 34.3175, 0.3508,
0.4721

■ 36.1681, 0.3386,
0.4159

■ 33.5469, 0.3546,
0.4981

■ 37.2579, 0.3310,
0.3879

■ 32.8722, 0.3563,
0.5210


■ 38.4633, 0.3231,
0.3611

■ 32.2869, 0.3557,
0.5395


■ 39.7884, 0.3151,
0.3360


■ 31.7837, 0.3527,
0.5530


■ 41.2371, 0.3072,
0.3128

 31.4664, 0.3498,
0.5604

 42.8129, 0.2995,
0.2917

 44.5195, 0.2923,
0.2726

 46.3601, 0.2855,
0.2554

 48.3381, 0.2792,
0.2400

Harmonies

Analogous

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



35.1880, 0.4008, 0.4317



35.1880, 0.3453, 0.4443



35.1880, 0.2840, 0.4163

Triad

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



35.1880, 0.3453, 0.4443



35.1880, 0.2029, 0.2501



35.1880, 0.3948, 0.2986

Complementary

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



35.1880, 0.3453, 0.4443



15.9691, 0.2659, 0.2093

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.



35.1880, 0.3330, 0.2599



35.1880, 0.3453, 0.4443



35.1880, 0.2254, 0.2317

Square

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



35.1880, 0.3453, 0.4443



35.1880, 0.2053, 0.2933



35.1880, 0.2710, 0.2361



35.1880, 0.4334, 0.3455

Rectangle

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



35.1880, 0.3453, 0.4443



35.1880, 0.2482, 0.3780



35.1880, 0.2710, 0.2361



35.1880, 0.3757, 0.2844

Sweetspot

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



35.1895, 0.3453, 0.4443



69.7139, 0.3233, 0.3619



24.3859, 0.4019, 0.3737



15.4374, 0.3251, 0.3676



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.



35.1895, 0.3453, 0.4443



62.2601, 0.3508, 0.4721



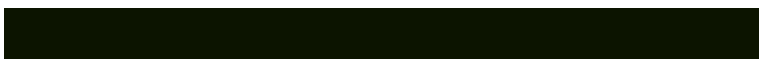
32.5766, 0.3126, 0.4570



8.6177, 0.3202, 0.3517



23.1788, 0.3505, 0.5599



0.5928, 0.3737, 0.5415

Inverse Universe

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



15.9691, 0.2659, 0.2093



22.5373, 0.2516, 0.1790



19.2105, 0.3086, 0.2230



7.4455, 0.3048, 0.3061



3.1212, 0.1880, 0.0809



0.1061, 0.2281, 0.1030

Previews

White Background



This preview shows how the Yxy color 35.1880, 0.3453, 0.4443 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 35.1880, 0.3453, 0.4443 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

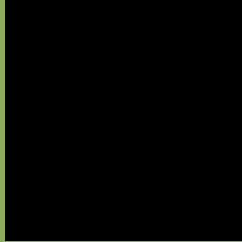
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.1880, 0.3453, 0.4443

Background



This preview shows how black text looks on a background with the Yxy color 35.1880, 0.3453, 0.4443.



This preview shows how white text looks on a background with the Yxy color 35.1880, 0.3453, 0.4443.

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

35.1880, 0.3453, 0.4443

Protanopia

35.0459, 0.3897, 0.4238

Deuteranopia

35.0595, 0.4061, 0.3985



Tritanopia

35.1250, 0.2924, 0.3099

Trichromacy



Original Color

35.1880, 0.3453, 0.4443

Protanomaly

35.0405, 0.3728, 0.4326

Deuteranomaly

34.7150, 0.3831, 0.4136

Tritanomaly

34.8293, 0.3124, 0.3567

Monochromacy



Original Color

35.1880, 0.3453, 0.4443

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

32.7856, 0.3255, 0.3699

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.1880, 0.3453, 0.4443 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(140, 170, 97)` looks like.

```
.text, #text, p{  
    color:rgb(140, 170, 97)  
}
```

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(140, 170, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 170, 97) }
```

Border

The CSS property to change the border of an element to Yxy 35.1880, 0.3453, 0.4443 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(140, 170, 97) }
```

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

```
.border{ border-color:rgb(140, 170, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 170, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 170, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 170, 97);  
box-shadow:4px 4px 4px 4px rgb(140, 170,  
97) }
```


Background

The CSS property to change the background color of an element to Yxy 35.1880, 0.3453, 0.4443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 170, 97) }
```

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

```
.background{ background-color: rgb(140,  
170, 97) }
```

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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