

Converting Colors

Yxy(35.4603, 0.3346, 0.4817)

Have a look what the booklet for
Yxy(35.4603, 0.3346, 0.4817)
contains.

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Color

Yxy(35.5818, 0.3341, 0.4822)

Conversions

Conversions Part 1

Format	Color
Hex	77B052
RGB	119, 176, 82
RGB Percent	47%, 69%, 32%
CMY	0.5335, 0.3098, 0.6783
CMYK	0.32, 0.00, 0.53, 0.31
HSL	96°, 37%, 51%
HSV	96°, 53%, 69%
XYZ	24.6534, 35.5818, 13.5553
YIQ	148.2410, -3.7980, -41.3180

Conversions

Conversions Part 2

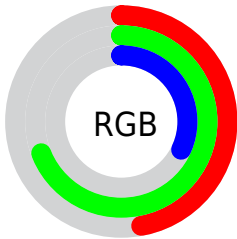
Format	Color
RYB	82, 176, 139
Decimal	7843922
CIELab	66.20, -35.43, 41.86
CIELCh	66, 54.842, 130.250
Yxy	35.5818, 0.3341, 0.4822
Android (android.graphics.Color)	4286034002 (0xFF77B052)
YUV	148.2410, -32.6568, -25.6444
Hunter-Lab	59.6505, -30.6147, 28.2819

Details

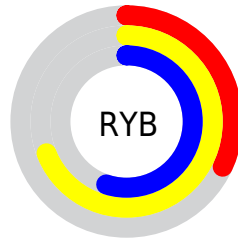
The Yxy color **35.5818, 0.3341, 0.4822** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **14.6675, 0.2725, 0.1858**, and the grayscale version is **29.8592, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.4331, 0.3327, 0.4498**, and **15.4285, 0.3323, 0.5346** is the 20% darker color. If you saturate the color by 10%, you get **34.6352, 0.3350, 0.5114**, and if you desaturate by 10%, it is **36.6852, 0.3318, 0.4514**.

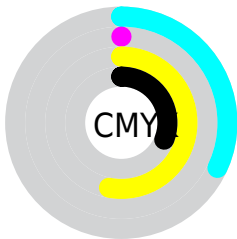
Distribution



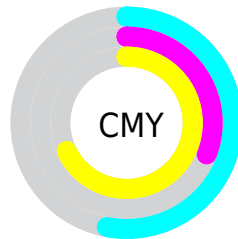
- Red (47%)
- Green (69%)
- Blue (32%)



- Red (32%)
- Yellow (69%)
- Blue (55%)



- Cyan (32%)
- Magenta (0%)
- Yellow (53%)
- Black (31%)





- Cyan (53%)
- Magenta (31%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.5818, 0.3341, 0.4822 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 35.5818, 0.3341, 0.4822 by changing the saturation by 10% instead.


 35.5818, 0.3341,
0.4822


 35.5818, 0.3341,
0.4822


327.1290, 0.3269,
0.3983

 24.1114, 0.3341,
0.5051


 68.3861, 0.3327,
0.4501

 15.4163, 0.3326,
0.5353


 90.4888, 0.3317,
0.4385


 9.1121, 0.3276,
0.5763


 116.9043, 0.3308,
0.4289

 4.8143, 0.3213,
0.6475

 148.0171, 0.3299,
0.4208

 2.1387, 0.2819,
0.7181

 184.2116, 0.3291,
0.4139

 0.6863, 0.0000,
1.0000

225.8721, 0.3283,

 0.0000, 0.0000,

0.4080

0.0000

273.3831, 0.3275,
0.4028

■ 35.5818, 0.3341,
0.4822

■ 35.5818, 0.3341,
0.4822

■ 34.6352, 0.3350,
0.5114

■ 36.6852, 0.3318,
0.4514

■ 33.8326, 0.3341,
0.5374

■ 37.9481, 0.3283,
0.4206

■ 33.1664, 0.3313,
0.5585

■ 39.3792, 0.3240,
0.3908

■ 32.6261, 0.3269,
0.5737

■ 40.9848, 0.3193,
0.3629

■ 32.3262, 0.3236,
0.5813

■ 42.7710, 0.3144,
0.3372

■ 44.7437, 0.3095,
0.3139

■ 46.9083, 0.3046,
0.2931

■ 49.2702, 0.3000,
0.2745

■ 51.8343, 0.2956,
0.2581

Harmonies

Analogous

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



35.5818, 0.4099, 0.4689



35.5818, 0.3341, 0.4822



35.5818, 0.2568, 0.4333

Triad

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



35.5818, 0.3341, 0.4822



35.5818, 0.1769, 0.2187



35.5818, 0.4363, 0.3000

Complementary

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



35.5818, 0.3341, 0.4822



14.6675, 0.2725, 0.1858

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.



35.5818, 0.3570, 0.2498



35.5818, 0.3341, 0.4822



35.5818, 0.2105, 0.2042

Square

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



35.5818, 0.3341, 0.4822



35.5818, 0.1725, 0.2646



35.5818, 0.2731, 0.2159



35.5818, 0.4766, 0.3587

Rectangle

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



35.5818, 0.3341, 0.4822



35.5818, 0.2151, 0.3748



35.5818, 0.2731, 0.2159



35.5818, 0.4127, 0.2819

Sweetspot

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



35.5833, 0.3341, 0.4822



73.4525, 0.3207, 0.3707



28.1368, 0.4164, 0.4100



15.7906, 0.3217, 0.3762



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



35.5833, 0.3341, 0.4822



62.5409, 0.3349, 0.5162



33.6116, 0.2992, 0.4808



9.6476, 0.3173, 0.3521



23.7476, 0.3243, 0.5807



0.7815, 0.3479, 0.5619

Inverse Universe

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



14.6675, 0.2725, 0.1858



20.5575, 0.2605, 0.1564



18.0448, 0.3306, 0.2141



8.4767, 0.3077, 0.3061



4.6196, 0.2260, 0.1018



0.1780, 0.2528, 0.1166

Previews

White Background



This preview shows how the Yxy color 35.5818, 0.3341, 0.4822 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 35.5818, 0.3341, 0.4822 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

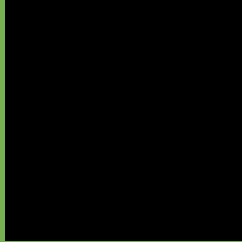
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.5818, 0.3341, 0.4822

Background



This preview shows how black text looks on a background with the Yxy color 35.5818, 0.3341, 0.4822.



This preview shows how white text looks on a background with the Yxy color 35.5818, 0.3341, 0.4822.

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

35.5818, 0.3341, 0.4822

Protanopia

35.0245, 0.4048, 0.4425

Deuteranopia

35.2228, 0.4212, 0.4130



Tritanopia

35.5954, 0.2747, 0.3094

Trichromacy



Original Color

35.5818, 0.3341, 0.4822

Protanomaly

34.9049, 0.3770, 0.4576

Deuteranomaly

34.4865, 0.3874, 0.4370

Tritanomaly

35.4302, 0.2977, 0.3705

Monochromacy



Original Color

35.5818, 0.3341, 0.4822

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

31.2273, 0.3227, 0.3849

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.5818, 0.3341, 0.4822 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(119, 176, 82)` looks like.

```
.text, #text, p{  
    color:rgb(119, 176, 82)  
}
```

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(119, 176, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 176, 82) }
```

Border

The CSS property to change the border of an element to Yxy 35.5818, 0.3341, 0.4822 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(119, 176, 82) }
```

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

```
.border{ border-color:rgb(119, 176, 82) }
```

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

Here you see how a box with a 4 pixel rgb(119, 176, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 176, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 176, 82);  
box-shadow:4px 4px 4px 4px rgb(119, 176,  
82) }
```


Background

The CSS property to change the background color of an element to Yxy 35.5818, 0.3341, 0.4822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 176, 82) }
```

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

```
.background{ background-color: rgb(119,  
176, 82) }
```

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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