

Converting Colors

$Y_{xy}(35.1504, 0.3516, 0.4543)$

Have a look what the booklet for
Yxy(35.1504, 0.3516, 0.4543)
contains.

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Color

Yxy(35.1504, 0.3516, 0.4543)

Conversions

Conversions Part 1

Format	Color
Hex	8DAA5A
RGB	141, 170, 90
RGB Percent	55%, 67%, 35%
CMY	0.4470, 0.3333, 0.6472
CMYK	0.17, 0.00, 0.47, 0.33
HSL	82°, 32%, 51%
HSV	82°, 47%, 67%
XYZ	27.2042, 35.1504, 15.0180
YIQ	152.2090, 8.3960, -31.0280

Conversions

Conversions Part 2

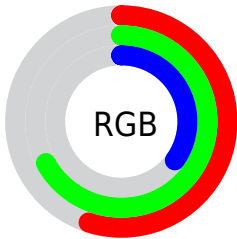
Format	Color
RYB	90, 170, 119
Decimal	9284186
CIELab	65.87, -23.36, 37.81
CIELCh	66, 44.445, 121.705
Yxy	35.1504, 0.3516, 0.4543
Android (android.graphics.Color)	4287474266 (0xFF8DAA5A)
YUV	152.2090, -30.6690, -9.8303
Hunter-Lab	59.2878, -21.8488, 26.4828

Details

The Yxy color **35.1504, 0.3516, 0.4543** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **14.1312, 0.2556, 0.1951**, and the grayscale version is **31.6268, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.5392, 0.3457, 0.4278**, and **15.2408, 0.3583, 0.4965** is the 20% darker color. If you saturate the color by 10%, you get **34.3697, 0.3573, 0.4807**, and if you desaturate by 10%, it is **36.0304, 0.3445, 0.4267**.

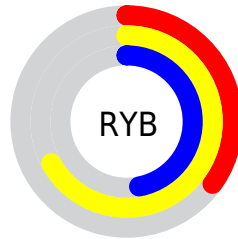
Distribution



Red (55%)

Green (67%)

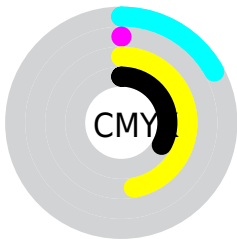
Blue (35%)



Red (35%)

Yellow (67%)

Blue (47%)

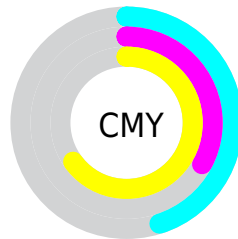


Cyan (17%)

Magenta (0%)

Yellow (47%)

Black (33%)



Cyan (45%)


Magenta (33%)


Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 35.1504, 0.3516, 0.4543 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 35.1504, 0.3516, 0.4543 by changing the saturation by 10% instead.


 35.1504, 0.3516,
0.4543


 35.1504, 0.3516,
0.4543

325.2317, 0.3338,
0.3867


 23.7788, 0.3550,
0.4725


 67.7187, 0.3458,
0.4287


 15.1696, 0.3583,
0.4963


 89.6841, 0.3434,
0.4193

 8.9385, 0.3608,
0.5286

 115.9496, 0.3413,
0.4116

 4.7011, 0.3629,
0.5787

 146.8996, 0.3394,
0.4050

 2.0730, 0.3521,
0.6479

182.9183, 0.3378,
0.3994

 0.6494, 0.0675,
0.9325

224.3904, 0.3363,

 0.0000, 0.0000,

0.3946

0.0000

271.7000, 0.3350,
0.3904

■ 35.1504, 0.3516,
0.4543

■ 35.1504, 0.3516,
0.4543

■ 34.3697, 0.3573,
0.4807

■ 36.0304, 0.3445,
0.4267

■ 33.6787, 0.3610,
0.5046

■ 37.0098, 0.3364,
0.3989

■ 33.0732, 0.3625,
0.5249

■ 38.0943, 0.3278,
0.3719

■ 32.5467, 0.3616,
0.5406


■ 39.2879, 0.3189,
0.3462


■ 32.0899, 0.3585,
0.5515


■ 40.5944, 0.3102,
0.3222

 31.9642, 0.3574,
0.5544

 42.0172, 0.3017,
0.3001

 43.5599, 0.2937,
0.2800

 45.2256, 0.2861,
0.2619

 47.0174, 0.2790,
0.2455

Harmonies

Analogous

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



35.1504, 0.4104, 0.4366



35.1504, 0.3516, 0.4543



35.1504, 0.2857, 0.4276

Triad

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



35.1504, 0.3516, 0.4543



35.1504, 0.1947, 0.2464



35.1504, 0.3972, 0.2928

Complementary

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



35.1504, 0.3516, 0.4543



14.1312, 0.2556, 0.1951

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.



35.1504, 0.3294, 0.2528



35.1504, 0.3516, 0.4543



35.1504, 0.2167, 0.2254

Square

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



35.1504, 0.3516, 0.4543



35.1504, 0.1990, 0.2941



35.1504, 0.2635, 0.2288



35.1504, 0.4413, 0.3421

Rectangle

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



35.1504, 0.3516, 0.4543



35.1504, 0.2467, 0.3869



35.1504, 0.2635, 0.2288



35.1504, 0.3760, 0.2781

Sweetspot

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



35.1520, 0.3516, 0.4543



69.7044, 0.3253, 0.3644



22.2380, 0.4165, 0.3720



15.4458, 0.3271, 0.3700



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.



35.1520, 0.3516, 0.4543



62.3644, 0.3572, 0.4805



32.3126, 0.3155, 0.4699



8.6359, 0.3209, 0.3517



23.5441, 0.3581, 0.5539



0.6002, 0.3790, 0.5373

Inverse Universe

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



14.1312, 0.2556, 0.1951



19.7364, 0.2401, 0.1648



17.4800, 0.3029, 0.2117



7.4279, 0.3040, 0.3061



2.9081, 0.1803, 0.0767



0.0996, 0.2202, 0.0986

Previews

White Background



This preview shows how the Yxy color 35.1504, 0.3516, 0.4543 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 35.1504, 0.3516, 0.4543 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

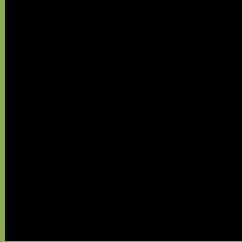
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.1504, 0.3516, 0.4543

Background



This preview shows how black text looks on a background with the Yxy color 35.1504, 0.3516, 0.4543.



This preview shows how white text looks on a background with the Yxy color 35.1504, 0.3516, 0.4543.

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

35.1504, 0.3516, 0.4543

Protanopia

35.0436, 0.3966, 0.4323

Deuteranopia

34.7340, 0.4144, 0.4055



Tritanopia

35.1823, 0.2941, 0.3114

Trichromacy



Original Color

35.1504, 0.3516, 0.4543

Protanomaly

35.0256, 0.3795, 0.4416

Deuteranomaly

34.7005, 0.3903, 0.4226

Tritanomaly

34.8300, 0.3159, 0.3614

Monochromacy



Original Color

35.1504, 0.3516, 0.4543

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

32.6772, 0.3291, 0.3764

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.1504, 0.3516, 0.4543 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(141, 170, 90)` looks like.

```
.text, #text, p{  
    color:rgb(141, 170, 90)  
}
```

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(141, 170, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 170, 90) }
```

Border

The CSS property to change the border of an element to Yxy 35.1504, 0.3516, 0.4543 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(141, 170, 90) }
```

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

```
.border{ border-color:rgb(141, 170, 90) }
```

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

Here you see how a box with a 4 pixel rgb(141, 170, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 170, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 170, 90);  
box-shadow:4px 4px 4px 4px rgb(141, 170,  
90) }
```


Background

The CSS property to change the background color of an element to Yxy 35.1504, 0.3516, 0.4543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 170, 90) }
```

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

```
.background{ background-color: rgb(141,  
170, 90) }
```

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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