

Converting Colors

$Yxy(35.6005, 0.3384, 0.4182)$

Have a look what the booklet for
Yxy(35.6005, 0.3384, 0.4182)
contains.

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Color

Yxy(35.5655, 0.3386, 0.4183)

Conversions

Conversions Part 1

Format	Color
Hex	91A970
RGB	145, 169, 112
RGB Percent	57%, 66%, 44%
CMY	0.4314, 0.3372, 0.5609
CMYK	0.14, 0.00, 0.34, 0.34
HSL	85°, 25%, 55%
HSV	85°, 34%, 66%
XYZ	28.7891, 35.5655, 20.6693
YIQ	155.3260, 3.9930, -22.8150

Conversions

Conversions Part 2

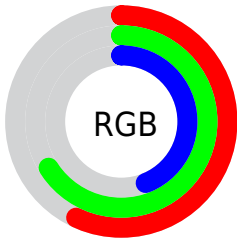
Format	Color
RYB	112, 169, 136
Decimal	9546096
CIELab	66.19, -18.46, 26.76
CIELCh	66, 32.509, 124.607
Yxy	35.5655, 0.3386, 0.4183
Android (android.graphics.Color)	4287736176 (0xFF91A970)
YUV	155.3260, -21.3597, -9.0559
Hunter-Lab	59.6368, -18.1953, 21.1967

Details

The Yxy color **35.5655, 0.3386, 0.4183** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **19.6801, 0.2787, 0.2374**, and the grayscale version is **33.0257, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.2710, 0.3349, 0.3999**, and **15.4611, 0.3452, 0.4495** is the 20% darker color. If you saturate the color by 10%, you get **34.5993, 0.3451, 0.4468**, and if you desaturate by 10%, it is **36.6460, 0.3313, 0.3902**.

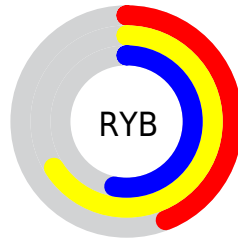
Distribution



Red (57%)

Green (66%)

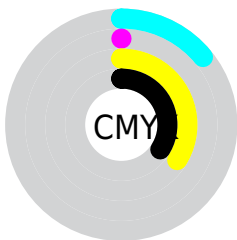
Blue (44%)



Red (44%)

Yellow (66%)

Blue (53%)

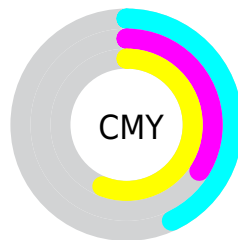


Cyan (14%)

Magenta (0%)

Yellow (34%)

Black (34%)



Cyan (43%)


Magenta (34%)


Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 35.5655, 0.3386, 0.4183 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 35.5655, 0.3386, 0.4183 by changing the saturation by 10% instead.


 35.5655, 0.3386,
0.4183


 35.5655, 0.3386,
0.4183


327.0574, 0.3262,
0.3702


 24.0988, 0.3413,
0.4314


 68.3609, 0.3343,
0.4000

 15.4069, 0.3445,
0.4489


 90.4584, 0.3327,
0.3933

 9.1055, 0.3479,
0.4733


 116.8683, 0.3312,
0.3878

 4.8100, 0.3509,
0.5091

 147.9750, 0.3299,
0.3832

 2.1362, 0.3737,
0.6035

184.1628, 0.3288,
0.3792

 0.6849, 0.2262,
0.7738

225.8163, 0.3279,

 0.0000, 0.0000,

0.3758

0.0000

273.3197, 0.3270,
0.3728

■ 35.5655, 0.3386,
0.4183

■ 35.5655, 0.3386,
0.4183

■ 34.5993, 0.3451,
0.4468

■ 36.6460, 0.3313,
0.3902

■ 33.7379, 0.3503,
0.4747

■ 37.8404, 0.3235,
0.3632

■ 32.9778, 0.3538,
0.5006


■ 39.1543, 0.3156,
0.3380


■ 32.3134, 0.3551,
0.5234


■ 40.5918, 0.3079,
0.3146


■ 31.7383, 0.3542,
0.5417

■ 42.1563, 0.3004,
0.2934


 31.2449, 0.3510,
0.5550

 43.8515, 0.2933,
0.2742

 30.9676, 0.3484,
0.5616

 45.6807, 0.2866,
0.2569

 47.6472, 0.2803,
0.2414

 49.1552, 0.2805,
0.2355

Harmonies

Analogous

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



35.5655, 0.3827, 0.4116



35.5655, 0.3386, 0.4183



35.5655, 0.2896, 0.3951

Triad

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



35.5655, 0.3386, 0.4183



35.5655, 0.2242, 0.2661



35.5655, 0.3785, 0.3062

Complementary

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



35.5655, 0.3386, 0.4183



19.6801, 0.2787, 0.2374

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.



35.5655, 0.3307, 0.2740



35.5655, 0.3386, 0.4183



35.5655, 0.2434, 0.2505

Square

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



35.5655, 0.3386, 0.4183



35.5655, 0.2260, 0.3009



35.5655, 0.2812, 0.2540



35.5655, 0.4079, 0.3450

Rectangle

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



35.5655, 0.3386, 0.4183



35.5655, 0.2609, 0.3659



35.5655, 0.2812, 0.2540



35.5655, 0.3638, 0.2944

Sweetspot

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



35.5671, 0.3386, 0.4183



68.5800, 0.3207, 0.3540



27.1394, 0.3777, 0.3654



14.8799, 0.3218, 0.3575



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.



35.5671, 0.3386, 0.4183



62.4661, 0.3432, 0.4382



33.3100, 0.3122, 0.4260



8.6142, 0.3200, 0.3517



23.1107, 0.3491, 0.5610



0.5914, 0.3726, 0.5423

Inverse Universe

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



19.6801, 0.2787, 0.2374



29.8985, 0.2697, 0.2163



22.3672, 0.3110, 0.2457



7.4490, 0.3049, 0.3061



3.1669, 0.1896, 0.0818



0.1073, 0.2296, 0.1039

Previews

White Background



This preview shows how the Yxy color 35.5655, 0.3386, 0.4183 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 35.5655, 0.3386, 0.4183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

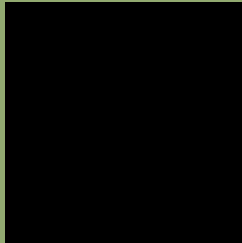
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.5655, 0.3386, 0.4183

Background



This preview shows how black text looks on a background with the Yxy color 35.5655, 0.3386, 0.4183.



This preview shows how white text looks on a background with the Yxy color 35.5655, 0.3386, 0.4183.

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

35.5655, 0.3386, 0.4183

Protanopia

35.2230, 0.3753, 0.4039

Deuteranopia

35.4254, 0.3898, 0.3821



Tritanopia

35.4158, 0.2951, 0.3100

Trichromacy



Original Color

35.5655, 0.3386, 0.4183

Protanomaly

35.0850, 0.3615, 0.4096

Deuteranomaly

35.0098, 0.3702, 0.3941

Tritanomaly

35.3646, 0.3118, 0.3487

Monochromacy



Original Color

35.5655, 0.3386, 0.4183

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

33.5850, 0.3228, 0.3615

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.5655, 0.3386, 0.4183 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(145, 169, 112)` looks like.

```
.text, #text, p{  
    color:rgb(145, 169, 112)  
}
```

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(145, 169, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 169, 112) }
```

Border

The CSS property to change the border of an element to Yxy 35.5655, 0.3386, 0.4183 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(145, 169, 112) }
```

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

```
.border{ border-color:rgb(145, 169, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 169, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 169, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 169, 112);  
box-shadow:4px 4px 4px 4px rgb(145, 169,  
112) }
```


Background

The CSS property to change the background color of an element to Yxy 35.5655, 0.3386, 0.4183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 169, 112) }
```

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

```
.background{ background-color: rgb(145,  
169, 112) }
```

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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