

Converting Colors

$Yxy(36.2809, 0.3542, 0.4113)$

Have a look what the booklet for
Yxy(36.2809, 0.3542, 0.4113)
contains.

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Color

Yxy(36.2809, 0.3542, 0.4113)

Conversions

Conversions Part 1

Format	Color
Hex	A0A770
RGB	160, 167, 112
RGB Percent	63%, 65%, 44%
CMY	0.3725, 0.3451, 0.5608
CMYK	0.04, 0.00, 0.33, 0.35
HSL	68°, 24%, 55%
HSV	68°, 33%, 65%
XYZ	31.2441, 36.2809, 20.6853
YIQ	158.6370, 13.4830, -18.5890

Conversions

Conversions Part 2

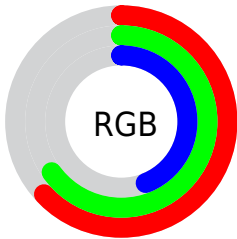
Format	Color
RYB	112, 167, 119
Decimal	10528624
CIELab	66.73, -11.54, 27.67
CIELCh	67, 29.980, 112.633
Yxy	36.2809, 0.3542, 0.4113
Android (android.graphics.Color)	4288718704 (0xFFA0A770)
YUV	158.6370, -22.9920, 1.1954
Hunter-Lab	60.2336, -12.8182, 21.8023

Details

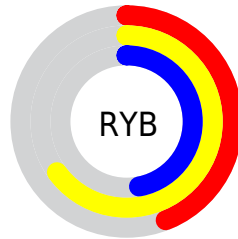
The Yxy color **36.2809, 0.3542, 0.4113** is a light color, and the websafe version is hex **999966**. A complement of this color would be **18.2988, 0.2622, 0.2355**, and the grayscale version is **34.6012, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.3700, 0.3467, 0.3952**, and **15.8085, 0.3662, 0.4382** is the 20% darker color. If you saturate the color by 10%, you get **35.7279, 0.3660, 0.4361**, and if you desaturate by 10%, it is **36.9098, 0.3417, 0.3858**.

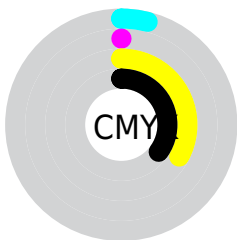
Distribution



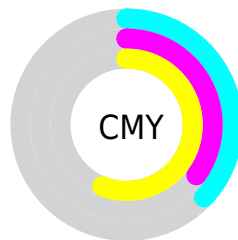
- Red (63%)
- Green (65%)
- Blue (44%)



- Red (44%)
- Yellow (65%)
- Blue (47%)



- Cyan (4%)
- Magenta (0%)
- Yellow (33%)
- Black (35%)




- Cyan (37%)
- Magenta (35%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.2809, 0.3542, 0.4113 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 36.2809, 0.3542, 0.4113 by changing the saturation by 10% instead.


 36.2809, 0.3542,
0.4113


 36.2809, 0.3542,
0.4113


330.1866, 0.3335,
0.3677

 24.6512, 0.3592,
0.4229


 69.4654, 0.3468,
0.3949


 15.8174, 0.3653,
0.4381


 91.7890, 0.3439,
0.3889

 9.3950, 0.3730,
0.4588

 118.4461, 0.3415,
0.3839

 4.9997, 0.3823,
0.4883

 149.8210, 0.3395,
0.3797

 2.2471, 0.4151,
0.5642

186.2981, 0.3377,
0.3760

 0.7455, 0.3641,
0.6359

228.2618, 0.3361,

 0.0000, 0.0000,

0.3729

0.0000

276.0965, 0.3347,
0.3701

■ 36.2809, 0.3542,
0.4113

■ 36.2809, 0.3542,
0.4113

■ 35.7279, 0.3660,
0.4361

■ 36.9098, 0.3417,
0.3858

■ 35.2422, 0.3765,
0.4593

■ 37.6134, 0.3290,
0.3605

■ 34.8211, 0.3852,
0.4799

■ 38.3966, 0.3163,
0.3360

■ 34.4600, 0.3917,
0.4969

■ 39.2624, 0.3041,
0.3127

■ 34.1535, 0.3957,
0.5099

■ 40.2138, 0.2926,
0.2910

■ 33.8952, 0.3972,
0.5184

■ 41.2536, 0.2817,
0.2709

■ 33.7313, 0.3973,
0.5227

■ 42.3844, 0.2717,
0.2526

■ 43.6088, 0.2625,
0.2359

■ 44.4501, 0.2583,
0.2274

Harmonies

Analogous

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



36.2809, 0.3893, 0.3966



36.2809, 0.3542, 0.4113



36.2809, 0.3095, 0.4007

Triad

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



36.2809, 0.3542, 0.4113



36.2809, 0.2293, 0.2822



36.2809, 0.3567, 0.2952

Complementary

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



36.2809, 0.3542, 0.4113



18.2988, 0.2622, 0.2355

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.



36.2809, 0.3106, 0.2692



36.2809, 0.3542, 0.4113



36.2809, 0.2395, 0.2603

Square

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



36.2809, 0.3542, 0.4113



36.2809, 0.2390, 0.3204



36.2809, 0.2682, 0.2565



36.2809, 0.3919, 0.3295

Rectangle

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



36.2809, 0.3542, 0.4113



36.2809, 0.2806, 0.3794



36.2809, 0.2682, 0.2565



36.2809, 0.3418, 0.2853

Sweetspot

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



36.2825, 0.3542, 0.4113



67.7368, 0.3255, 0.3536



22.4406, 0.3838, 0.3392



15.1171, 0.3272, 0.3570



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.



36.2825, 0.3542, 0.4113



64.1969, 0.3634, 0.4307



33.7998, 0.3275, 0.4189



8.7249, 0.3243, 0.3514



25.8270, 0.3976, 0.5225



0.6413, 0.4052, 0.5164

Inverse Universe

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



18.2988, 0.2622, 0.2355



26.6419, 0.2477, 0.2097



20.4819, 0.2919, 0.2430



7.3444, 0.3005, 0.3058



2.2709, 0.1556, 0.0631



0.0686, 0.1771, 0.0749

Previews

White Background



This preview shows how the Yxy color 36.2809, 0.3542, 0.4113 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 36.2809, 0.3542, 0.4113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

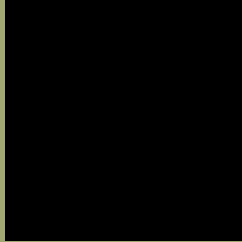
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.2809, 0.3542, 0.4113

Background



This preview shows how black text looks on a background with the Yxy color 36.2809, 0.3542, 0.4113.



This preview shows how white text looks on a background with the Yxy color 36.2809, 0.3542, 0.4113.

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

36.2809, 0.3542, 0.4113

Protanopia

36.1966, 0.3746, 0.4031

Deuteranopia

36.0180, 0.3913, 0.3829



Tritanopia

36.0997, 0.3098, 0.3107

Trichromacy



Original Color

36.2809, 0.3542, 0.4113

Protanomaly

36.2447, 0.3665, 0.4060

Deuteranomaly

35.8349, 0.3776, 0.3923

Tritanomaly

36.0420, 0.3263, 0.3465

Monochromacy



Original Color

36.2809, 0.3542, 0.4113

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

35.1646, 0.3277, 0.3590

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.2809, 0.3542, 0.4113 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(160, 167, 112)` looks like.

```
.text, #text, p{  
    color:rgb(160, 167, 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(160, 167, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 167, 112) }
```

Border

The CSS property to change the border of an element to Yxy 36.2809, 0.3542, 0.4113 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(160, 167, 112) }
```

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

```
.border{ border-color:rgb(160, 167, 112) }
```

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

Here you see how a box with a 4 pixel rgb(160, 167, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 167, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 167, 112);  
box-shadow:4px 4px 4px 4px rgb(160, 167,  
112) }
```


Background

The CSS property to change the background color of an element to Yxy 36.2809, 0.3542, 0.4113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 167, 112) }
```

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

```
.background{ background-color: rgb(160,  
167, 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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