

Converting Colors

$Yxy(36.1355, 0.3617, 0.4207)$

Have a look what the booklet for
Yxy(36.1355, 0.3617, 0.4207)
contains.

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Color

Yxy(36.2344, 0.3611, 0.4212)

Conversions

Conversions Part 1

Format	Color
Hex	A1A769
RGB	161, 167, 105
RGB Percent	63%, 65%, 41%
CMY	0.3687, 0.3451, 0.5881
CMYK	0.04, 0.00, 0.37, 0.35
HSL	66°, 26%, 53%
HSV	66°, 37%, 65%
XYZ	31.0642, 36.2344, 18.7280
YIQ	158.1380, 16.3260, -20.5540

Conversions

Conversions Part 2

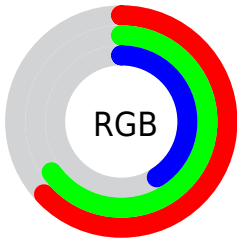
Format	Color
RYB	105, 167, 111
Decimal	10594153
CIELab	66.70, -12.05, 31.36
CIELCh	67, 33.593, 111.018
Yxy	36.2344, 0.3611, 0.4212
Android (android.graphics.Color)	4288784233 (0xFFA1A769)
YUV	158.1380, -26.1970, 2.5100
Hunter-Lab	60.1950, -13.2247, 23.6901

Details

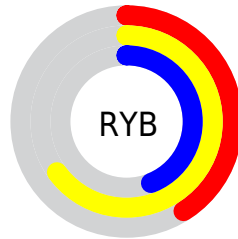
The Yxy color $36.2344, 0.3611, 0.4212$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $16.2822, 0.2526, 0.2212$, and the grayscale version is $34.3738, 0.3127, 0.3290$.

A 20% lighter version of the original color is $69.4286, 0.3529, 0.4028$, and $15.7351, 0.3738, 0.4514$ is the 20% darker color. If you saturate the color by 10%, you get $35.7578, 0.3729, 0.4450$, and if you desaturate by 10%, it is $36.7839, 0.3483, 0.3962$.

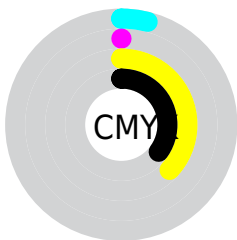
Distribution



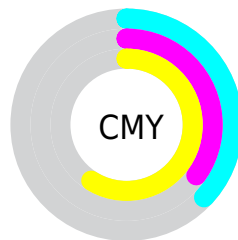
- Red (63%)
- Green (65%)
- Blue (41%)



- Red (41%)
- Yellow (65%)
- Blue (44%)



- Cyan (4%)
- Magenta (0%)
- Yellow (37%)
- Black (35%)





- Cyan (37%)
- Magenta (35%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.2344, 0.3611, 0.4212 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 36.2344, 0.3611, 0.4212 by changing the saturation by 10% instead.

 36.2344, 0.3611,
0.4212


 36.2344, 0.3611,
0.4212


329.9839, 0.3371,
0.3725

 24.6153, 0.3667,
0.4340


 69.3937, 0.3526,
0.4029


 15.7907, 0.3736,
0.4508


 91.7027, 0.3493,
0.3962

 9.3761, 0.3820,
0.4733


 118.3437, 0.3465,
0.3906

 4.9873, 0.3915,
0.5046

 149.7012, 0.3441,
0.3859

 2.2398, 0.4209,
0.5791

186.1596, 0.3420,
0.3818

 0.7416, 0.3564,
0.6436

228.1033, 0.3402,

 0.0000, 0.0000,

0.3783

0.0000

275.9166, 0.3385,
0.3752

■ 36.2344, 0.3611,
0.4212

■ 36.2344, 0.3611,
0.4212

■ 35.7578, 0.3729,
0.4450

■ 36.7839, 0.3483,
0.3962

■ 35.3453, 0.3833,
0.4667

■ 37.4050, 0.3351,
0.3709

■ 34.9941, 0.3916,
0.4853


■ 38.1028, 0.3219,
0.3461

■ 34.6992, 0.3976,
0.5001


■ 38.8805, 0.3091,
0.3223

■ 34.4549, 0.4011,
0.5106

■ 39.7410, 0.2968,
0.2998

 34.2525, 0.4023,
0.5170

 40.6872, 0.2852,
0.2790

 34.1970, 0.4025,
0.5186

 41.7218, 0.2745,
0.2598

 42.8473, 0.2646,
0.2423

 44.0447, 0.2558,
0.2268

Harmonies

Analogous

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



36.2344, 0.3996, 0.4024



36.2344, 0.3611, 0.4212



36.2344, 0.3114, 0.4116

Triad

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



36.2344, 0.3611, 0.4212



36.2344, 0.2201, 0.2782



36.2344, 0.3593, 0.2895

Complementary

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



36.2344, 0.3611, 0.4212



16.2822, 0.2526, 0.2212

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.



36.2344, 0.3073, 0.2616



36.2344, 0.3611, 0.4212



36.2344, 0.2302, 0.2532

Square

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



36.2344, 0.3611, 0.4212



36.2344, 0.2319, 0.3216



36.2344, 0.2608, 0.2483



36.2344, 0.4001, 0.3269

Rectangle

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



36.2344, 0.3611, 0.4212



36.2344, 0.2789, 0.3883



36.2344, 0.2608, 0.2483



36.2344, 0.3423, 0.2788

Sweetspot

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



36.2360, 0.3611, 0.4212



67.7040, 0.3273, 0.3561



20.4303, 0.3977, 0.3373



15.1146, 0.3290, 0.3593



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.



36.2360, 0.3611, 0.4212



64.1368, 0.3715, 0.4420



33.4748, 0.3310, 0.4310



8.7362, 0.3248, 0.3514



26.1766, 0.4026, 0.5185



0.6472, 0.4085, 0.5138

Inverse Universe

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



16.2822, 0.2526, 0.2212



22.8849, 0.2355, 0.1916



18.5777, 0.2861, 0.2306



7.3342, 0.3001, 0.3058



2.2315, 0.1540, 0.0622



0.0648, 0.1710, 0.0716

Previews

White Background



This preview shows how the Yxy color 36.2344, 0.3611, 0.4212 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 36.2344, 0.3611, 0.4212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

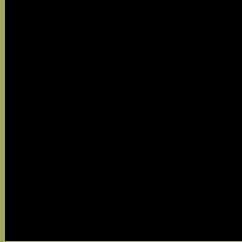
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.2344, 0.3611, 0.4212

Background



This preview shows how black text looks on a background with the Yxy color 36.2344, 0.3611, 0.4212.



This preview shows how white text looks on a background with the Yxy color 36.2344, 0.3611, 0.4212.

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

36.2344, 0.3611, 0.4212

Protanopia

36.1670, 0.3819, 0.4123

Deuteranopia

35.9947, 0.3992, 0.3918



Tritanopia

36.1716, 0.3116, 0.3121

Trichromacy



Original Color

36.2344, 0.3611, 0.4212

Protanomaly

36.2083, 0.3737, 0.4155

Deuteranomaly

35.8029, 0.3852, 0.4016

Tritanomaly

36.0542, 0.3301, 0.3509

Monochromacy



Original Color

36.2344, 0.3611, 0.4212

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

34.7247, 0.3306, 0.3621

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.2344, 0.3611, 0.4212 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(161, 167, 105)` looks like.

```
.text, #text, p{  
    color:rgb(161, 167, 105)  
}
```

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(161, 167, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 167, 105) }
```

Border

The CSS property to change the border of an element to Yxy 36.2344, 0.3611, 0.4212 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(161, 167, 105) }
```

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

```
.border{ border-color:rgb(161, 167, 105) }
```

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

Here you see how a box with a 4 pixel rgb(161, 167, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 167, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 167, 105);  
box-shadow:4px 4px 4px 4px rgb(161, 167,  
105) }
```


Background

The CSS property to change the background color of an element to Yxy 36.2344, 0.3611, 0.4212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 167, 105) }
```

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

```
.background{ background-color: rgb(161,  
167, 105) }
```

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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