

Converting Colors

$Yxy(35.9445, 0.3664, 0.4041)$

Have a look what the booklet for
Yxy(35.9445, 0.3664, 0.4041)
contains.

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Color

Yxy(35.9103, 0.3661, 0.4033)

Conversions

Conversions Part 1

Format	Color
Hex	AAA370
RGB	170, 163, 112
RGB Percent	67%, 64%, 44%
CMY	0.3333, 0.3608, 0.5609
CMYK	0.00, 0.04, 0.34, 0.33
HSL	53°, 25%, 55%
HSV	53°, 34%, 67%
XYZ	32.5980, 35.9103, 20.5329
YIQ	159.2790, 20.5430, -14.3770

Conversions

Conversions Part 2

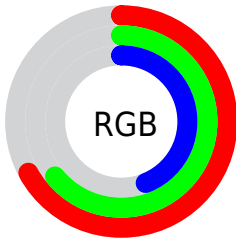
Format	Color
RYB	120, 170, 112
Decimal	11182960
CIELab	66.45, -5.40, 27.47
CIELCh	66, 27.994, 101.132
Yxy	35.9103, 0.3661, 0.4033
Android (android.graphics.Color)	4289373040 (0xFFAAA370)
YUV	159.2790, -23.3085, 9.4023
Hunter-Lab	59.9252, -7.7691, 21.6324

Details

The Yxy color **35.9103, 0.3661, 0.4033** is a light color, and the websafe version is hex **999966**. A complement of this color would be **19.5297, 0.2541, 0.2418**, and the grayscale version is **34.9068, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.9919, 0.3562, 0.3893**, and **15.5097, 0.3825, 0.4262** is the 20% darker color. If you saturate the color by 10%, you get **34.8467, 0.3821, 0.4244**, and if you desaturate by 10%, it is **37.0605, 0.3499, 0.3813**.

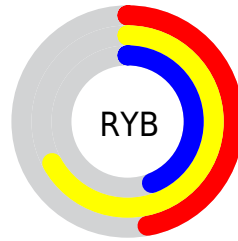
Distribution



Red (67%)

Green (64%)

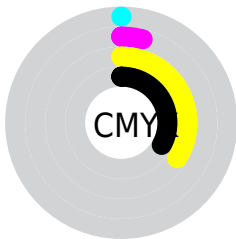
Blue (44%)



Red (47%)

Yellow (67%)

Blue (44%)

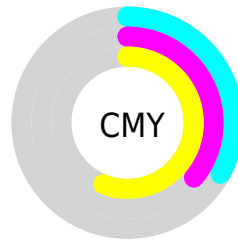


Cyan (0%)

Magenta (4%)

Yellow (34%)

Black (33%)



Cyan (33%)


Magenta (36%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.9103, 0.3661, 0.4033 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 35.9103, 0.3661, 0.4033 by changing the saturation by 10% instead.


 35.9103, 0.3661,
0.4033


 35.9103, 0.3661,
0.4033


328.5683, 0.3389,
0.3644

 24.3649, 0.3729,
0.4134

 68.8936, 0.3562,
0.3888

 15.6045, 0.3815,
0.4265


 91.1003, 0.3524,
0.3835

 9.2448, 0.3926,
0.4442

 117.6296, 0.3493,
0.3790

 4.9012, 0.4070,
0.4686

 148.8658, 0.3466,
0.3752

 2.1894, 0.4508,
0.5339

185.1934, 0.3443,
0.3720

 0.7142, 0.4337,
0.5663

226.9968, 0.3423,

 0.0000, 0.0000,

0.3691

0.0000

274.6603, 0.3405,
0.3666

■ 35.9103, 0.3661,
0.4033

■ 35.9103, 0.3661,
0.4033

■ 34.8467, 0.3821,
0.4244

■ 37.0605, 0.3499,
0.3813

■ 33.8606, 0.3974,
0.4436

■ 38.2960, 0.3340,
0.3593

■ 32.9493, 0.4112,
0.4601


■ 39.6222, 0.3188,
0.3377


■ 32.1076, 0.4230,
0.4729


■ 41.0422, 0.3044,
0.3170

■ 31.3298, 0.4324,
0.4816


■ 42.5592, 0.2912,
0.2976

 30.6091, 0.4389,
0.4859

 44.1761, 0.2790,
0.2795

 30.2034, 0.4421,
0.4872

 45.8959, 0.2679,
0.2628

 47.7210, 0.2578,
0.2475

 48.9954, 0.2542,
0.2430

Harmonies

Analogous

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



35.9103, 0.3925, 0.3829



35.9103, 0.3661, 0.4033



35.9103, 0.3263, 0.4028

Triad

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



35.9103, 0.3661, 0.4033



35.9103, 0.2354, 0.2976



35.9103, 0.3379, 0.2866

Complementary

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



35.9103, 0.3661, 0.4033



19.5297, 0.2541, 0.2418

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.



35.9103, 0.2946, 0.2663



35.9103, 0.3661, 0.4033



35.9103, 0.2379, 0.2704

Square

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



35.9103, 0.3661, 0.4033



35.9103, 0.2519, 0.3373



35.9103, 0.2587, 0.2601



35.9103, 0.3763, 0.3167

Rectangle

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



35.9103, 0.3661, 0.4033



35.9103, 0.2980, 0.3885



35.9103, 0.2587, 0.2601



35.9103, 0.3233, 0.2785

Sweetspot

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



35.9119, 0.3661, 0.4033



70.4155, 0.3279, 0.3506



21.4765, 0.3803, 0.3173



15.6305, 0.3300, 0.3536



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.



35.9119, 0.3661, 0.4033



63.6745, 0.3783, 0.4194



36.2822, 0.3419, 0.4186



8.6172, 0.3265, 0.3487



22.2719, 0.4418, 0.4874



0.5837, 0.4334, 0.4941

Inverse Universe

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



19.5297, 0.2541, 0.2418



29.3850, 0.2391, 0.2184



19.4904, 0.2747, 0.2353



7.4408, 0.2986, 0.3085



2.5619, 0.1530, 0.0706



0.1053, 0.1640, 0.1103

Previews

White Background



This preview shows how the Yxy color 35.9103, 0.3661, 0.4033 looks on a white background.

Color Contrast Check

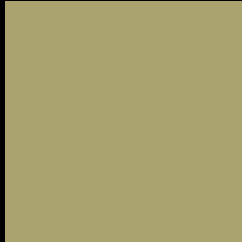
Large Text (above 18pt) WCAG AA × Fail

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 35.9103, 0.3661, 0.4033 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

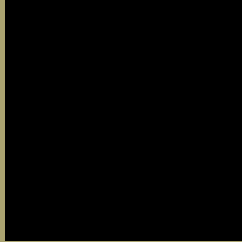
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.9103, 0.3661, 0.4033

Background



This preview shows how black text looks on a background with the Yxy color 35.9103, 0.3661, 0.4033.



This preview shows how white text looks on a background with the Yxy color 35.9103, 0.3661, 0.4033.

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

35.9103, 0.3661, 0.4033

Protanopia

35.7514, 0.3731, 0.4007

Deuteranopia

35.8641, 0.3913, 0.3845



Tritanopia

35.9512, 0.3223, 0.3124

Trichromacy



Original Color

35.9103, 0.3661, 0.4033

Protanomaly

35.8726, 0.3706, 0.4025

Deuteranomaly

35.8363, 0.3822, 0.3916

Tritanomaly

35.9331, 0.3377, 0.3447

Monochromacy



Original Color

35.9103, 0.3661, 0.4033

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

34.8811, 0.3321, 0.3558

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.9103, 0.3661, 0.4033 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(170, 163, 112)` looks like.

```
.text, #text, p{  
    color:rgb(170, 163, 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(170, 163, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 163, 112) }
```

Border

The CSS property to change the border of an element to Yxy 35.9103, 0.3661, 0.4033 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(170, 163, 112) }
```

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

```
.border{ border-color:rgb(170, 163, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 163, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 163, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 163, 112);  
box-shadow:4px 4px 4px 4px rgb(170, 163,  
112) }
```


Background

The CSS property to change the background color of an element to Yxy 35.9103, 0.3661, 0.4033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 163, 112) }
```

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

```
.background{ background-color: rgb(170,  
163, 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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