

Converting Colors

$Y_{xy}(34.6079, 0.4129, 0.5104)$

Have a look what the booklet for
Yxy(34.6079, 0.4129, 0.5104)
contains.

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Color

Yxy(34.7460, 0.4131, 0.5102)

Conversions

Conversions Part 1

Format	Color
Hex	A0A600
RGB	160, 166, 0
RGB Percent	63%, 65%, 0%
CMY	0.3726, 0.3490, 1.0000
CMYK	0.04, 0.00, 1.00, 0.35
HSL	62°, 100%, 33%
HSV	62°, 100%, 65%
XYZ	28.1332, 34.7460, 5.2235
YIQ	145.2820, 49.7100, -52.8980

Conversions

Conversions Part 2

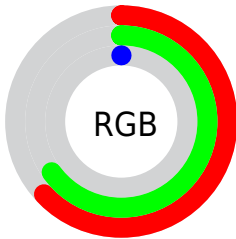
Format	Color
RYB	0, 166, 6
Decimal	10528256
CIELab	65.55, -18.29, 67.93
CIELCh	66, 70.352, 105.070
Yxy	34.7460, 0.4131, 0.5102
Android (android.graphics.Color)	4288718336 (0xFFA0A600)
YUV	145.2820, -71.6240, 12.9077
Hunter-Lab	58.9457, -17.9618, 36.0080

Details

The Yxy color **34.7460, 0.4131, 0.5102** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **2.7922, 0.1513, 0.0607**, and the grayscale version is **28.7193, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.1401, 0.4004, 0.4794**, and **14.9777, 0.4047, 0.5169** is the 20% darker color. If you saturate the color by 10%, you get **34.7476, 0.4131, 0.5102**, and if you desaturate by 10%, it is **34.8489, 0.4112, 0.5054**.

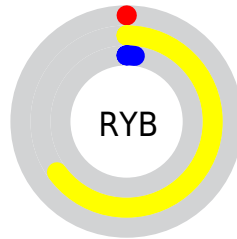
Distribution



Red (63%)

Green (65%)

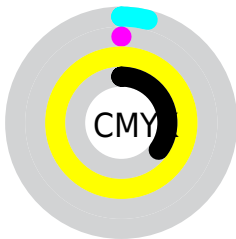
Blue (0%)



Red (0%)

Yellow (65%)

Blue (2%)

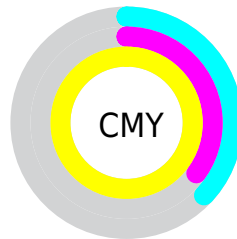


Cyan (4%)

Magenta (0%)

Yellow (100%)

Black (35%)



Cyan (37%)


Magenta (35%)


Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.7460, 0.4131, 0.5102 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 34.7460, 0.4131, 0.5102 by changing the saturation by 10% instead.


 34.7460, 0.4131,
0.5102

 34.7460, 0.4131,
0.5102


323.4458, 0.3705,
0.4203

 23.4673, 0.4186,
0.5291

 67.0921, 0.4009,
0.4794


 14.9389, 0.4223,
0.5504


 88.9283, 0.3952,
0.4671


 8.7765, 0.4235,
0.5765


 115.0524, 0.3900,
0.4565

 4.5957, 0.4076,
0.5924

 145.8488, 0.3853,
0.4473

 2.0121, 0.3813,
0.6187

 181.7020, 0.3810,
0.4392

 0.6145, 0.1829,
0.8171

 222.9963, 0.3772,

 0.0000, 0.0000,

0.4321

0.0000

270.1161, 0.3737,
0.4259

34.7460, 0.4131,
0.5102

34.7460, 0.4131,
0.5102

34.7476, 0.4131,
0.5102

34.8489, 0.4112,
0.5054

34.9830, 0.4074,
0.4974

35.1633, 0.4010,
0.4851

35.3958, 0.3923,
0.4688

35.6855, 0.3813,
0.4491

■ 36.0369, 0.3688,
0.4267

■ 36.4540, 0.3551,
0.4027

■ 36.9406, 0.3409,
0.3778

■ 37.4998, 0.3267,
0.3531

Harmonies

Analogous

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



34.7460, 0.4901, 0.4434



34.7460, 0.4131, 0.5102



34.7460, 0.3171, 0.5276

Triad

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



34.7460, 0.4131, 0.5102



34.7460, 0.1397, 0.2322



34.7460, 0.3863, 0.2391

Complementary

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



34.7460, 0.4131, 0.5102



2.7922, 0.1513, 0.0607

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.



34.7460, 0.2766, 0.1956



34.7460, 0.4131, 0.5102



34.7460, 0.1511, 0.1864

Square

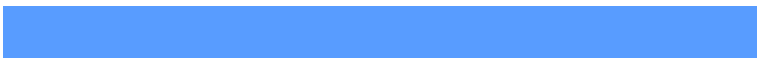
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



34.7460, 0.4131, 0.5102



34.7460, 0.1625, 0.3257



34.7460, 0.1956, 0.1767



34.7460, 0.4847, 0.3001

Rectangle

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



34.7460, 0.4131, 0.5102



34.7460, 0.2535, 0.4863



34.7460, 0.1956, 0.1767



34.7460, 0.3483, 0.2222

Sweetspot

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



34.7476, 0.4131, 0.5102



66.1109, 0.3559, 0.4040



8.2277, 0.6373, 0.3322



14.7230, 0.3615, 0.4139



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.



34.7476, 0.4131, 0.5102



63.0388, 0.4130, 0.5103



28.8716, 0.3327, 0.5740



8.7598, 0.3257, 0.3514



26.9479, 0.4132, 0.5102



0.6597, 0.4153, 0.5084

Inverse Universe

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



2.7922, 0.1513, 0.0607



5.0474, 0.1509, 0.0605



4.8544, 0.2097, 0.0929



7.3130, 0.2991, 0.3057



2.1695, 0.1515, 0.0608



0.0567, 0.1581, 0.0644

Previews

White Background



This preview shows how the Yxy color 34.7460, 0.4131, 0.5102 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 34.7460, 0.4131, 0.5102 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 34.7460, 0.4131, 0.5102

Background



This preview shows how black text looks on a background with the Yxy color 34.7460, 0.4131, 0.5102.



This preview shows how white text looks on a background with the Yxy color 34.7460, 0.4131, 0.5102.

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

34.7460, 0.4131, 0.5102

Protanopia

34.8449, 0.4402, 0.4886

Deuteranopia

34.6253, 0.4665, 0.4570



Tritanopia

34.5223, 0.3185, 0.3120

Trichromacy



Original Color

34.7460, 0.4131, 0.5102

Protanomaly

34.7249, 0.4308, 0.4961

Deuteranomaly

34.2565, 0.4481, 0.4762

Tritanomaly

33.7098, 0.3707, 0.4062

Monochromacy



Original Color

34.7460, 0.4131, 0.5102

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

30.0392, 0.3674, 0.4261

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.7460, 0.4131, 0.5102 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, 166, 0)` looks like.

```
.text, #text, p{  
    color:rgb(160, 166, 0)  
}
```

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, 166, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 166, 0) }
```

Border

The CSS property to change the border of an element to Yxy 34.7460, 0.4131, 0.5102 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, 166, 0) }
```

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

```
.border{ border-color:rgb(160, 166, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 166, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 166, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 166, 0);  
box-shadow:4px 4px 4px 4px rgb(160, 166,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 34.7460, 0.4131, 0.5102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 166, 0) }
```

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

```
.background{ background-color: rgb(160,  
166, 0) }
```

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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