

Converting Colors

$Y_{xy}(34.1302, 0.4160, 0.5075)$

Have a look what the booklet for
Yxy(34.1302, 0.4160, 0.5075)
contains.

Yxy(34.1302, 0.4160, 0.5075)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(34.1302, 0.4160, 0.5075)

Conversions

Conversions Part 1

Format	Color
Hex	A1A401
RGB	161, 164, 1
RGB Percent	63%, 64%, 0%
CMY	0.3687, 0.3568, 0.9956
CMYK	0.02, 0.00, 0.99, 0.36
HSL	61°, 99%, 32%
HSV	61°, 99%, 64%
XYZ	27.9767, 34.1302, 5.1447
YIQ	144.5210, 50.5350, -51.3290

Conversions

Conversions Part 2

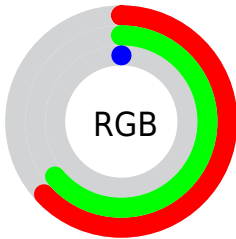
Format	Color
RYB	1, 164, 4
Decimal	10593281
CIELab	65.07, -16.82, 67.46
CIElCh	65, 69.530, 104.000
Yxy	34.1302, 0.4160, 0.5075
Android (android.graphics.Color)	4288783361 (0xFFA1A401)
YUV	144.5210, -70.7559, 14.4521
Hunter-Lab	58.4211, -16.7568, 35.6735

Details

The Yxy color **34.1302, 0.4160, 0.5075** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **2.7315, 0.1510, 0.0610**, and the grayscale version is **28.3928, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.2449, 0.4024, 0.4774**, and **14.8135, 0.4075, 0.5146** is the 20% darker color. If you saturate the color by 10%, you get **34.1272, 0.4161, 0.5078**, and if you desaturate by 10%, it is **34.2032, 0.4137, 0.5029**.

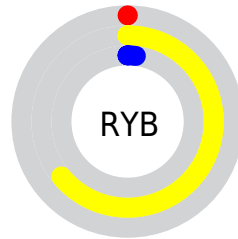
Distribution



Red (63%)

Green (64%)

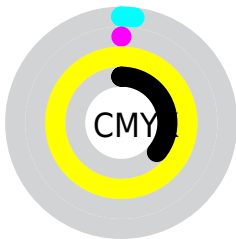
Blue (0%)



Red (0%)

Yellow (64%)

Blue (2%)

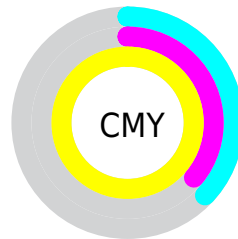


Cyan (2%)

Magenta (0%)

Yellow (99%)

Black (36%)



Cyan (37%)


Magenta (36%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.1302, 0.4160, 0.5075 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 34.1302, 0.4160, 0.5075 by changing the saturation by 10% instead.


 34.1302, 0.4160,
0.5075


 34.1302, 0.4160,
0.5075


 320.7122, 0.3716,
0.4190


 22.9936, 0.4220,
0.5260


 66.1361, 0.4031,
0.4773


 14.5888, 0.4263,
0.5468


 87.7742, 0.3972,
0.4652


 8.5313, 0.4282,
0.5718


 113.6816, 0.3918,
0.4547

 4.4368, 0.4133,
0.5867

 144.2428, 0.3869,
0.4457

 1.9208, 0.3885,
0.6115

 179.8420, 0.3825,
0.4377

 0.5608, 0.1792,
0.8208

 220.8637, 0.3785,

 0.0000, 0.0000,

0.4307

0.0000

267.6923, 0.3749,
0.4245

34.1302, 0.4160,
0.5075

34.1302, 0.4160,
0.5075

34.1272, 0.4161,
0.5078

34.2032, 0.4137,
0.5029

34.3078, 0.4094,
0.4949

34.4577, 0.4026,
0.4827

34.6585, 0.3933,
0.4665

34.9150, 0.3820,
0.4469

■ 35.2315, 0.3690,
0.4246

■ 35.6119, 0.3550,
0.4007

■ 36.0598, 0.3405,
0.3760

■ 36.5785, 0.3260,
0.3514

Harmonies

Analogous

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



34.1302, 0.4914, 0.4405



34.1302, 0.4160, 0.5075



34.1302, 0.3207, 0.5273

Triad

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



34.1302, 0.4160, 0.5075



34.1302, 0.1407, 0.2353



34.1302, 0.3819, 0.2377

Complementary

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



34.1302, 0.4160, 0.5075



2.7315, 0.1510, 0.0610

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.



34.1302, 0.2734, 0.1950



34.1302, 0.4160, 0.5075



34.1302, 0.1509, 0.1880

Square

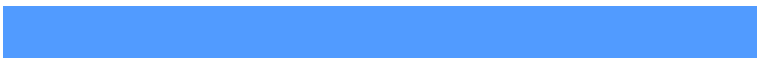
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



34.1302, 0.4160, 0.5075



34.1302, 0.1648, 0.3300



34.1302, 0.1939, 0.1772



34.1302, 0.4811, 0.2980

Rectangle

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



34.1302, 0.4160, 0.5075



34.1302, 0.2571, 0.4886



34.1302, 0.1939, 0.1772



34.1302, 0.3441, 0.2210

Sweetspot

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



34.1318, 0.4160, 0.5075



64.5415, 0.3568, 0.4037



7.9790, 0.6373, 0.3311



14.0480, 0.3625, 0.4134



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



34.1318, 0.4160, 0.5075



61.9283, 0.4161, 0.5078



28.2554, 0.3353, 0.5714



8.2305, 0.3259, 0.3512



26.1663, 0.4162, 0.5078



0.5518, 0.4174, 0.5068

Inverse Universe

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



2.7315, 0.1510, 0.0610



4.8910, 0.1505, 0.0603



4.6490, 0.2072, 0.0919



6.8659, 0.2989, 0.3058



2.0726, 0.1508, 0.0604



0.0453, 0.1544, 0.0624

Previews

White Background



This preview shows how the Yxy color 34.1302, 0.4160, 0.5075 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 34.1302, 0.4160, 0.5075 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 34.1302, 0.4160, 0.5075

Background



This preview shows how black text looks on a background with the Yxy color 34.1302, 0.4160, 0.5075.



This preview shows how white text looks on a background with the Yxy color 34.1302, 0.4160, 0.5075.

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

34.1302, 0.4160, 0.5075

Protanopia

33.9187, 0.4405, 0.4885

Deuteranopia

34.0250, 0.4660, 0.4578



Tritanopia

33.9075, 0.3215, 0.3120

Trichromacy



Original Color

34.1302, 0.4160, 0.5075

Protanomaly

33.9123, 0.4320, 0.4952

Deuteranomaly

33.7944, 0.4485, 0.4763

Tritanomaly

33.1217, 0.3737, 0.4046

Monochromacy



Original Color

34.1302, 0.4160, 0.5075

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

29.8261, 0.3681, 0.4228

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.1302, 0.4160, 0.5075 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, 164, 1)` looks like.

```
.text, #text, p{  
    color:rgb(161, 164, 1)  
}
```

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, 164, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 164, 1) }
```

Border

The CSS property to change the border of an element to Yxy 34.1302, 0.4160, 0.5075 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, 164, 1) }
```

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

```
.border{ border-color:rgb(161, 164, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 164, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 164, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 164, 1);  
box-shadow:4px 4px 4px 4px rgb(161, 164,  
1) }
```


Background

The CSS property to change the background color of an element to Yxy 34.1302, 0.4160, 0.5075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 164, 1) }
```

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

```
.background{ background-color: rgb(161,  
164, 1) }
```

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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