

Converting Colors

$Yxy(37.3812, 0.4163, 0.5076)$

Have a look what the booklet for
Yxy(37.3812, 0.4163, 0.5076)
contains.

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Color

Yxy(37.4507, 0.4163, 0.5077)

Conversions

Conversions Part 1

Format	Color
Hex	A8AB00
RGB	168, 171, 0
RGB Percent	66%, 67%, 0%
CMY	0.3412, 0.3294, 1.0000
CMYK	0.02, 0.00, 1.00, 0.33
HSL	61°, 100%, 34%
HSV	61°, 100%, 67%
XYZ	30.7085, 37.4507, 5.6062
YIQ	150.6090, 53.1030, -53.8170

Conversions

Conversions Part 2

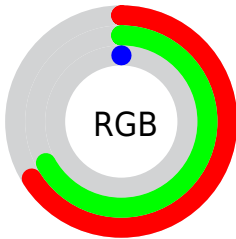
Format	Color
RYB	0, 171, 3
Decimal	11053824
CIELab	67.61, -17.31, 69.76
CIELCh	68, 71.874, 103.938
Yxy	37.4507, 0.4163, 0.5077
Android (android.graphics.Color)	4289243904 (0xFFA8AB00)
YUV	150.6090, -74.2502, 15.2519
Hunter-Lab	61.1970, -17.5237, 37.4064

Details

The Yxy color **37.4507, 0.4163, 0.5077** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **2.9602, 0.1506, 0.0603**, and the grayscale version is **31.0782, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.2594, 0.4039, 0.4780**, and **16.5732, 0.4081, 0.5142** is the 20% darker color. If you saturate the color by 10%, you get **37.4527, 0.4163, 0.5077**, and if you desaturate by 10%, it is **37.5267, 0.4142, 0.5034**.

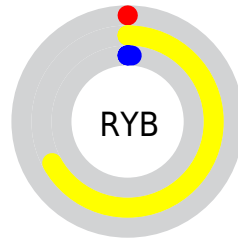
Distribution



Red (66%)

Green (67%)

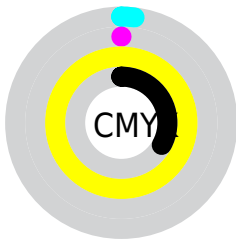
Blue (0%)



Red (0%)

Yellow (67%)

Blue (1%)

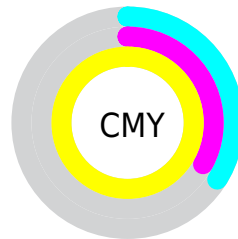


Cyan (2%)

Magenta (0%)

Yellow (100%)

Black (33%)



Cyan (34%)

Magenta (33%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 37.4507, 0.4163, 0.5077 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 37.4507, 0.4163, 0.5077 by changing the saturation by 10% instead.

37.4507, 0.4163,
0.5077

37.4507, 0.4163,
0.5077

335.2577, 0.3727,
0.4207

25.5566, 0.4222,
0.5256

71.2654, 0.4038,
0.4783

16.4923, 0.4262,
0.5453

93.9549, 0.3980,
0.4665

9.8732, 0.4294,
0.5706

121.0116, 0.3927,
0.4562

5.3149, 0.4157,
0.5843

152.8199, 0.3878,
0.4472

2.4332, 0.3935,
0.6065

189.7643, 0.3835,
0.4393

0.8429, 0.3099,
0.6901

232.2292, 0.3795,

0.0000, 0.0000,

0.4323

0.0000

280.5988, 0.3759,
0.4262

37.4507, 0.4163,
0.5077

37.4507, 0.4163,
0.5077

37.4527, 0.4163,
0.5077

37.5267, 0.4142,
0.5034

37.6359, 0.4101,
0.4957

37.7943, 0.4034,
0.4839

38.0084, 0.3943,
0.4680

38.2836, 0.3831,
0.4486

■ 38.6246, 0.3702,
0.4265

■ 39.0359, 0.3562,
0.4026

■ 39.5214, 0.3416,
0.3779

■ 40.0847, 0.3270,
0.3531

Harmonies

Analogous

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



37.4507, 0.4918, 0.4404



37.4507, 0.4163, 0.5077



37.4507, 0.3209, 0.5278

Triad

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



37.4507, 0.4163, 0.5077



37.4507, 0.1404, 0.2352



37.4507, 0.3818, 0.2374

Complementary

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



37.4507, 0.4163, 0.5077



2.9602, 0.1506, 0.0603

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.



37.4507, 0.2731, 0.1947



37.4507, 0.4163, 0.5077



37.4507, 0.1505, 0.1878

Square

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



37.4507, 0.4163, 0.5077



37.4507, 0.1646, 0.3302



37.4507, 0.1936, 0.1769



37.4507, 0.4813, 0.2978

Rectangle

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



37.4507, 0.4163, 0.5077



37.4507, 0.2571, 0.4892



37.4507, 0.1936, 0.1769



37.4507, 0.3439, 0.2207

Sweetspot

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



37.4527, 0.4163, 0.5077



69.8602, 0.3569, 0.4039



8.7209, 0.6387, 0.3310



15.5090, 0.3628, 0.4138



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.



37.4527, 0.4163, 0.5077



67.0570, 0.4162, 0.5077



30.9528, 0.3348, 0.5724



9.3229, 0.3260, 0.3514



28.2328, 0.4163, 0.5076



0.7876, 0.4173, 0.5069

Inverse Universe

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



2.9602, 0.1506, 0.0603



5.2912, 0.1504, 0.0602



5.0327, 0.2062, 0.0909



7.7637, 0.2988, 0.3056



2.2337, 0.1507, 0.0604



0.0643, 0.1538, 0.0621

Previews

White Background



This preview shows how the Yxy color 37.4507, 0.4163, 0.5077 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 37.4507, 0.4163, 0.5077 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

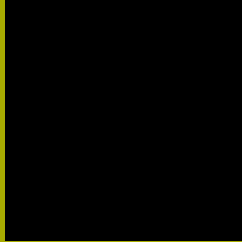
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.4507, 0.4163, 0.5077

Background



This preview shows how black text looks on a background with the Yxy color 37.4507, 0.4163, 0.5077.



This preview shows how white text looks on a background with the Yxy color 37.4507, 0.4163, 0.5077.

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

37.4507, 0.4163, 0.5077

Protanopia

37.3494, 0.4407, 0.4883

Deuteranopia

37.2614, 0.4673, 0.4571



Tritanopia

37.3203, 0.3212, 0.3126

Trichromacy



Original Color

37.4507, 0.4163, 0.5077

Protanomaly

37.2211, 0.4315, 0.4956

Deuteranomaly

36.8677, 0.4494, 0.4756

Tritanomaly

36.4125, 0.3740, 0.4060

Monochromacy



Original Color

37.4507, 0.4163, 0.5077

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

32.4663, 0.3689, 0.4241

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.4507, 0.4163, 0.5077 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(168, 171, 0)` looks like.

```
.text, #text, p{  
    color:rgb(168, 171, 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(168, 171, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 171, 0) }
```

Border

The CSS property to change the border of an element to Yxy 37.4507, 0.4163, 0.5077 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(168, 171, 0) }
```

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

```
.border{ border-color:rgb(168, 171, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 171, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 171, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 171, 0);  
box-shadow:4px 4px 4px 4px rgb(168, 171,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 37.4507, 0.4163, 0.5077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 171, 0) }
```

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

```
.background{ background-color: rgb(168,  
171, 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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