

Converting Colors

$Yxy(36.9347, 0.4120, 0.4404)$

Have a look what the booklet for
Yxy(36.9347, 0.4120, 0.4404)
contains.

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Color

Yxy(36.8156, 0.4126, 0.4402)

Conversions

Conversions Part 1

Format	Color
Hex	BAA24D
RGB	186, 162, 77
RGB Percent	73%, 64%, 30%
CMY	0.2706, 0.3647, 0.6980
CMYK	0.00, 0.13, 0.59, 0.27
HSL	47°, 44%, 52%
HSV	47°, 59%, 73%
XYZ	34.5073, 36.8156, 12.3109
YIQ	159.4860, 41.5890, -21.3470

Conversions

Conversions Part 2

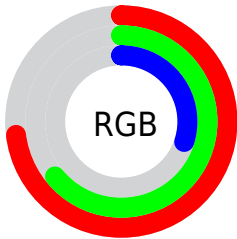
Format	Color
RYB	108, 186, 77
Decimal	12231245
CIELab	67.14, -1.66, 46.63
CIElCh	67, 46.661, 92.042
Yxy	36.8156, 0.4126, 0.4402
Android (android.graphics.Color)	4290421325 (0xFFBAA24D)
YUV	159.4860, -40.6656, 23.2528
Hunter-Lab	60.6759, -4.6670, 30.4434

Details

The Yxy color **36.8156, 0.4126, 0.4402** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **14.4284, 0.2089, 0.1818**, and the grayscale version is **35.0820, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.4438, 0.3947, 0.4208**, and **16.1893, 0.4361, 0.4683** is the 20% darker color. If you saturate the color by 10%, you get **35.1726, 0.4288, 0.4538**, and if you desaturate by 10%, it is **38.5841, 0.3951, 0.4235**.

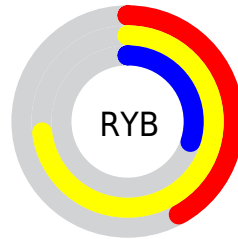
Distribution



Red (73%)

Green (64%)

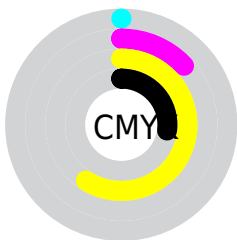
Blue (30%)



Red (42%)

Yellow (73%)

Blue (30%)

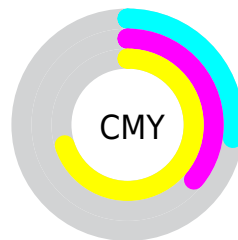


Cyan (0%)

Magenta (13%)

Yellow (59%)

Black (27%)



Cyan (27%)


Magenta (36%)


Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.8156, 0.4126, 0.4402 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 36.8156, 0.4126, 0.4402 by changing the saturation by 10% instead.


 36.8156, 0.4126,
0.4402


 36.8156, 0.4126,
0.4402


332.5115, 0.3634,
0.3849


 25.0648, 0.4237,
0.4529


 70.2891, 0.3954,
0.4207


 16.1253, 0.4368,
0.4680


 92.7805, 0.3887,
0.4131

 9.6129, 0.4517,
0.4857


 119.6209, 0.3829,
0.4067

 5.1430, 0.4800,
0.5188

 151.1947, 0.3779,
0.4011

 2.3314, 0.4785,
0.5215

 187.8863, 0.3736,
0.3962

 0.7903, 0.4734,
0.5266

230.0800, 0.3698,

 0.0000, 0.0000,

0.3920

0.0000

278.1603, 0.3664,
0.3882

■ 36.8156, 0.4126,
0.4402

■ 36.8156, 0.4126,
0.4402

■ 35.1726, 0.4288,
0.4538

■ 38.5841, 0.3951,
0.4235

■ 33.6429, 0.4430,
0.4635

■ 40.4791, 0.3771,
0.4048

■ 32.2200, 0.4544,
0.4686

■ 42.5081, 0.3592,
0.3850

■ 30.8905, 0.4632,
0.4694

■ 44.6762, 0.3420,
0.3650

■ 30.7079, 0.4644,
0.4694

■ 46.9884, 0.3257,
0.3453

■ 49.4492, 0.3107,
0.3264

■ 52.0629, 0.2969,
0.3086

■ 54.8337, 0.2843,
0.2920

■ 57.7654, 0.2730,
0.2766

Harmonies

Analogous

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



36.8156, 0.4489, 0.3954



36.8156, 0.4126, 0.4402



36.8156, 0.3517, 0.4587

Triad

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



36.8156, 0.4126, 0.4402



36.8156, 0.1954, 0.2920



36.8156, 0.3306, 0.2509

Complementary

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



36.8156, 0.4126, 0.4402



14.4284, 0.2089, 0.1818

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.



36.8156, 0.2626, 0.2261



36.8156, 0.4126, 0.4402



36.8156, 0.1914, 0.2433

Square

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



36.8156, 0.4126, 0.4402



36.8156, 0.2273, 0.3633



36.8156, 0.2142, 0.2223



36.8156, 0.4008, 0.2921

Rectangle

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



36.8156, 0.4126, 0.4402



36.8156, 0.3061, 0.4457



36.8156, 0.2142, 0.2223



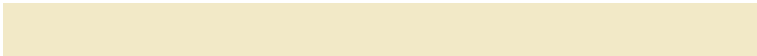
36.8156, 0.3066, 0.2406

Sweetspot

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



36.8173, 0.4126, 0.4402



81.1119, 0.3415, 0.3644



16.7152, 0.4473, 0.2953



17.6023, 0.3464, 0.3703



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



36.8173, 0.4126, 0.4402



63.0325, 0.4327, 0.4567



42.8082, 0.3678, 0.4802



10.1590, 0.3269, 0.3467



20.7773, 0.4637, 0.4700



0.8168, 0.4502, 0.4807

Inverse Universe

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



14.4284, 0.2089, 0.1818



18.9781, 0.1875, 0.1461



11.9231, 0.2262, 0.1544



9.0314, 0.2985, 0.3106



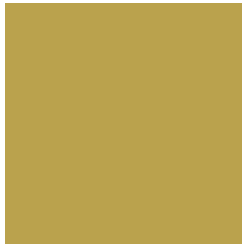
3.5420, 0.1570, 0.0850



0.2181, 0.1706, 0.1342

Previews

White Background



This preview shows how the Yxy color 36.8156, 0.4126, 0.4402 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 36.8156, 0.4126, 0.4402 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

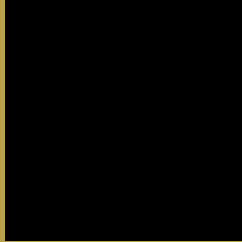
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.8156, 0.4126, 0.4402

Background



This preview shows how black text looks on a background with the Yxy color 36.8156, 0.4126, 0.4402.



This preview shows how white text looks on a background with the Yxy color 36.8156, 0.4126, 0.4402.

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

36.8156, 0.4126, 0.4402

Protanopia

36.9247, 0.4052, 0.4439

Deuteranopia

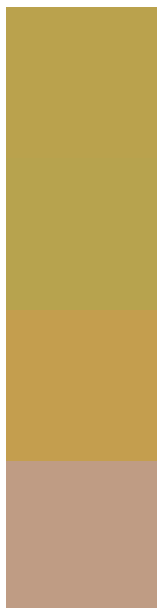
36.8980, 0.4324, 0.4237



Tritanopia

36.9321, 0.3436, 0.3146

Trichromacy



Original Color

36.8156, 0.4126, 0.4402

Protanomaly

36.8117, 0.4080, 0.4417

Deuteranomaly

36.7395, 0.4254, 0.4298

Tritanomaly

36.5192, 0.3718, 0.3617

Monochromacy



Original Color

36.8156, 0.4126, 0.4402

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

35.1616, 0.3504, 0.3745

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.8156, 0.4126, 0.4402 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(186, 162, 77)` looks like.

```
.text, #text, p{  
    color:rgb(186, 162, 77)  
}
```

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(186, 162, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 162, 77) }
```

Border

The CSS property to change the border of an element to Yxy 36.8156, 0.4126, 0.4402 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(186, 162, 77) }
```

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

```
.border{ border-color:rgb(186, 162, 77) }
```

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

Here you see how a box with a 4 pixel rgb(186, 162, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 162, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 162, 77);  
box-shadow:4px 4px 4px 4px rgb(186, 162,  
77) }
```


Background

The CSS property to change the background color of an element to Yxy 36.8156, 0.4126, 0.4402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 162, 77) }
```

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

```
.background{ background-color: rgb(186,  
162, 77) }
```

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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