

Converting Colors

$Yxy(39.0203, 0.4244, 0.4738)$

Have a look what the booklet for
Yxy(39.0203, 0.4244, 0.4738)
contains.

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Color

Yxy(39.0203, 0.4244, 0.4738)

Conversions

Conversions Part 1

Format	Color
Hex	BAA92F
RGB	186, 169, 47
RGB Percent	73%, 66%, 18%
CMY	0.2706, 0.3372, 0.8155
CMYK	0.00, 0.09, 0.75, 0.27
HSL	53°, 60%, 46%
HSV	53°, 75%, 73%
XYZ	34.9519, 39.0203, 8.3838
YIQ	160.1750, 49.2940, -34.3380

Conversions

Conversions Part 2

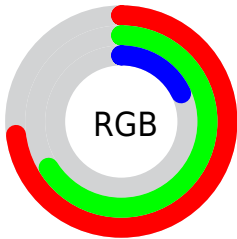
Format	Color
RYB	66, 186, 47
Decimal	12233007
CIELab	68.77, -7.15, 61.06
CIElCh	69, 61.480, 96.681
Yxy	39.0203, 0.4244, 0.4738
Android (android.graphics.Color)	4290423087 (0xFFBAA92F)
YUV	160.1750, -55.7953, 22.6485
Hunter-Lab	62.4662, -9.4393, 35.7688

Details

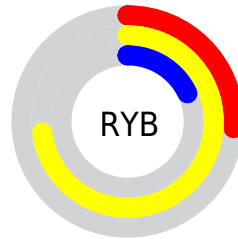
The Yxy color **39.0203, 0.4244, 0.4738** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **7.8232, 0.1771, 0.1167**, and the grayscale version is **35.4878, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.6831, 0.4076, 0.4502**, and **17.3897, 0.4361, 0.4920** is the 20% darker color. If you saturate the color by 10%, you get **38.0632, 0.4335, 0.4820**, and if you desaturate by 10%, it is **40.0598, 0.4127, 0.4613**.

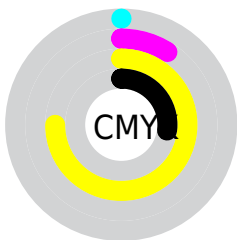
Distribution



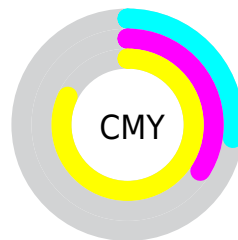
- Red (73%)
- Green (66%)
- Blue (18%)



- Red (26%)
- Yellow (73%)
- Blue (18%)



- Cyan (0%)
- Magenta (9%)
- Yellow (75%)
- Black (27%)





- Cyan (27%)
- Magenta (34%)
- Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.0203, 0.4244, 0.4738 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 39.0203, 0.4244, 0.4738 by changing the saturation by 10% instead.


 39.0203, 0.4244,
0.4738


 39.0203, 0.4244,
0.4738


341.9768, 0.3731,
0.4039


 26.7755, 0.4340,
0.4884


 73.6693, 0.4078,
0.4501

 17.4047, 0.4439,
0.5049


 96.8424, 0.4009,
0.4406


 10.5235, 0.4549,
0.5249


 124.4269, 0.3948,
0.4323

 5.7474, 0.4591,
0.5409

 156.8075, 0.3894,
0.4252

 2.6921, 0.4508,
0.5492

 194.3683, 0.3846,
0.4189

 0.9732, 0.4345,
0.5655

 237.4939, 0.3803,

 0.0000, 0.0000,

0.4133

0.0000

286.5686, 0.3765,
0.4084

■ 39.0203, 0.4244,
0.4738

■ 39.0203, 0.4244,
0.4738

■ 38.0632, 0.4335,
0.4820

■ 40.0598, 0.4127,
0.4613

■ 37.1741, 0.4399,
0.4858

■ 41.1835, 0.3989,
0.4450

■ 36.7216, 0.4426,
0.4868

■ 42.3995, 0.3836,
0.4259

■ 43.7135, 0.3674,
0.4049

■ 45.1306, 0.3511,
0.3829

■ 46.6556, 0.3350,
0.3607

■ 48.2929, 0.3196,
0.3389

■ 50.0465, 0.3052,
0.3181

■ 51.9205, 0.2918,
0.2985

Harmonies

Analogous

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



39.0203, 0.4796, 0.4158



39.0203, 0.4244, 0.4738



39.0203, 0.3444, 0.4979

Triad

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



39.0203, 0.4244, 0.4738



39.0203, 0.1641, 0.2668



39.0203, 0.3490, 0.2386

Complementary

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



39.0203, 0.4244, 0.4738



7.8232, 0.1771, 0.1167

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.



39.0203, 0.2601, 0.2053



39.0203, 0.4244, 0.4738



39.0203, 0.1654, 0.2140

Square

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



39.0203, 0.4244, 0.4738



39.0203, 0.1957, 0.3564



39.0203, 0.1971, 0.1957



39.0203, 0.4383, 0.2900

Rectangle

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



39.0203, 0.4244, 0.4738



39.0203, 0.2875, 0.4766



39.0203, 0.1971, 0.1957



39.0203, 0.3175, 0.2251

Sweetspot

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



39.0222, 0.4244, 0.4738



82.4294, 0.3473, 0.3777



12.8649, 0.5358, 0.3100



17.9914, 0.3517, 0.3837



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.



39.0222, 0.4244, 0.4738



67.8844, 0.4381, 0.4851



40.4794, 0.3619, 0.5218



10.3108, 0.3267, 0.3489



24.7786, 0.4423, 0.4870



0.9266, 0.4356, 0.4923

Inverse Universe

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



7.8232, 0.1771, 0.1167



8.9814, 0.1579, 0.0805



8.1791, 0.2121, 0.1163



8.8918, 0.2984, 0.3083



2.8518, 0.1529, 0.0704



0.1586, 0.1622, 0.1040

Previews

White Background



This preview shows how the Yxy color 39.0203, 0.4244, 0.4738 looks on a white background.

Color Contrast Check

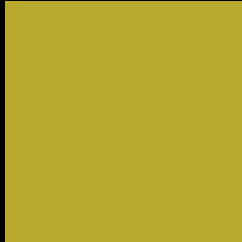
Large Text (above 18pt) WCAG AA × Fail

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 39.0203, 0.4244, 0.4738 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

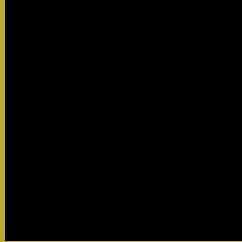
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.0203, 0.4244, 0.4738

Background



This preview shows how black text looks on a background with the Yxy color 39.0203, 0.4244, 0.4738.



This preview shows how white text looks on a background with the Yxy color 39.0203, 0.4244, 0.4738.

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

39.0203, 0.4244, 0.4738

Protanopia

38.9019, 0.4273, 0.4716

Deuteranopia

38.7369, 0.4557, 0.4461



Tritanopia

39.0918, 0.3388, 0.3135

Trichromacy



Original Color

39.0203, 0.4244, 0.4738

Protanomaly

38.7753, 0.4264, 0.4722

Deuteranomaly

38.8422, 0.4436, 0.4563

Tritanomaly

38.5278, 0.3772, 0.3788

Monochromacy



Original Color

39.0203, 0.4244, 0.4738

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

35.9613, 0.3587, 0.3934

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.0203, 0.4244, 0.4738 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, 169, 47)` looks like.

```
.text, #text, p{  
    color:rgb(186, 169, 47)  
}
```

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, 169, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 169, 47) }
```

Border

The CSS property to change the border of an element to Yxy 39.0203, 0.4244, 0.4738 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, 169, 47) }
```

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

```
.border{ border-color:rgb(186, 169, 47) }
```

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

Here you see how a box with a 4 pixel rgb(186, 169, 47) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 169, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 169, 47);  
box-shadow:4px 4px 4px 4px rgb(186, 169,  
47) }
```


Background

The CSS property to change the background color of an element to Yxy 39.0203, 0.4244, 0.4738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 169, 47) }
```

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

```
.background{ background-color: rgb(186,  
169, 47) }
```

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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