

Converting Colors

$Yxy(38.0041, 0.4146, 0.4542)$

Have a look what the booklet for
Yxy(38.0041, 0.4146, 0.4542)
contains.

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Color

Yxy(38.0041, 0.4146, 0.4542)

Conversions

Conversions Part 1

Format	Color
Hex	B9A644
RGB	185, 166, 68
RGB Percent	73%, 65%, 27%
CMY	0.2744, 0.3490, 0.7333
CMYK	0.00, 0.10, 0.63, 0.27
HSL	50°, 46%, 50%
HSV	50°, 63%, 73%
XYZ	34.6907, 38.0041, 10.9778
YIQ	160.5090, 42.7820, -26.4500

Conversions

Conversions Part 2

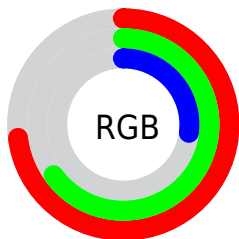
Format	Color
R _Y B	91, 185, 68
Decimal	12166724
CIE Lab	68.02, -4.85, 51.78
CIE LCh	68, 52.009, 95.348
Yxy	38.0041, 0.4146, 0.4542
Android (android.graphics.Color)	4290356804 (0xFFB9A644)
YUV	160.5090, -45.6069, 21.4786
Hunter-Lab	61.6475, -7.4364, 32.5952

Details

The Yxy color **38.0041, 0.4146, 0.4542** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **11.5548, 0.1981, 0.1572**, and the grayscale version is **35.6038, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.1237, 0.3976, 0.4331**, and **16.7237, 0.4376, 0.4838** is the 20% darker color. If you saturate the color by 10%, you get **36.7338, 0.4279, 0.4668**, and if you desaturate by 10%, it is **39.3749, 0.3994, 0.4380**.

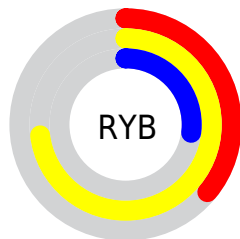
Distribution



Red (73%)

Green (65%)

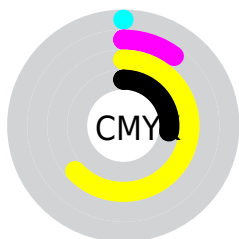
Blue (27%)



Red (36%)

Yellow (73%)

Blue (27%)

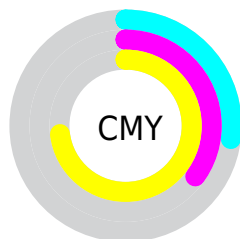


Cyan (0%)

Magenta (10%)

Yellow (63%)

Black (27%)



Cyan (27%)

Magenta (35%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 38.0041, 0.4146, 0.4542 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 38.0041, 0.4146, 0.4542 by changing the saturation by 10% instead.

38.0041, 0.4146,
0.4542

38.0041, 0.4146,
0.4542

337.6376, 0.3657,
0.3923

25.9859, 0.4249,
0.4681

72.1144, 0.3979,
0.4326

16.8131, 0.4366,
0.4845

94.9753, 0.3913,
0.4241

10.1013, 0.4489,
0.5031

122.2192, 0.3856,
0.4169

5.4662, 0.4679,
0.5321

154.2305, 0.3805,
0.4106

2.5233, 0.4622,
0.5378

191.3936, 0.3761,
0.4052

0.8883, 0.4497,
0.5503

234.0929, 0.3722,

0.0000, 0.0000,

0.4004

0.0000

282.7127, 0.3688,
0.3961

■ 38.0041, 0.4146,
0.4542

■ 38.0041, 0.4146,
0.4542

■ 36.7338, 0.4279,
0.4668

■ 39.3749, 0.3994,
0.4380

■ 35.5514, 0.4388,
0.4752

■ 40.8469, 0.3829,
0.4192

■ 34.4502, 0.4469,
0.4791

■ 42.4276, 0.3660,
0.3987

■ 33.7401, 0.4512,
0.4799

■ 44.1222, 0.3492,
0.3774

■ 45.9352, 0.3329,
0.3562

■ 47.8711, 0.3175,
0.3355

■ 49.9340, 0.3031,
0.3158

■ 52.1279, 0.2899,
0.2973

■ 54.4564, 0.2779,
0.2801

Harmonies

Analogous

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



38.0041, 0.4592, 0.4057



38.0041, 0.4146, 0.4542



38.0041, 0.3460, 0.4722

Triad

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



38.0041, 0.4146, 0.4542



38.0041, 0.1831, 0.2800



38.0041, 0.3409, 0.2483

Complementary

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



38.0041, 0.4146, 0.4542



11.5548, 0.1981, 0.1572

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.



38.0041, 0.2648, 0.2193



38.0041, 0.4146, 0.4542



38.0041, 0.1824, 0.2310

Square

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



38.0041, 0.4146, 0.4542



38.0041, 0.2137, 0.3571



38.0041, 0.2099, 0.2122



38.0041, 0.4171, 0.2939

Rectangle

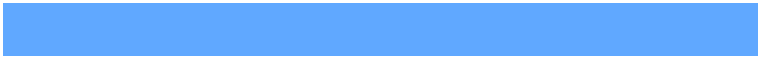
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



38.0041, 0.4146, 0.4542



38.0041, 0.2962, 0.4544



38.0041, 0.2099, 0.2122



38.0041, 0.3141, 0.2364

Sweetspot

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



38.0059, 0.4146, 0.4542



80.2555, 0.3427, 0.3690



15.1490, 0.4787, 0.3044



17.1059, 0.3474, 0.3751



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



38.0059, 0.4146, 0.4542



64.9102, 0.4326, 0.4707



41.2352, 0.3631, 0.4949



10.2481, 0.3268, 0.3480



23.0591, 0.4508, 0.4803



0.8800, 0.4414, 0.4877

Inverse Universe

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



11.5548, 0.1981, 0.1572



13.9980, 0.1755, 0.1180



10.7663, 0.2260, 0.1440



8.9491, 0.2984, 0.3093



3.0926, 0.1543, 0.0756



0.1831, 0.1658, 0.1169

Previews

White Background



This preview shows how the Yxy color 38.0041, 0.4146, 0.4542 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 38.0041, 0.4146, 0.4542 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 38.0041, 0.4146, 0.4542

Background



This preview shows how black text looks on a background with the Yxy color 38.0041, 0.4146, 0.4542.



This preview shows how white text looks on a background with the Yxy color 38.0041, 0.4146, 0.4542.

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

38.0041, 0.4146, 0.4542

Protanopia

38.0041, 0.4146, 0.4542

Deuteranopia

38.0177, 0.4413, 0.4326



Tritanopia

38.0734, 0.3391, 0.3134

Trichromacy



Original Color

38.0041, 0.4146, 0.4542

Protanomaly

38.0041, 0.4146, 0.4542

Deuteranomaly

37.9252, 0.4313, 0.4408

Tritanomaly

37.8839, 0.3702, 0.3670

Monochromacy



Original Color

38.0041, 0.4146, 0.4542

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

36.2727, 0.3523, 0.3814

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.0041, 0.4146, 0.4542 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(185, 166, 68)` looks like.

```
.text, #text, p{  
    color:rgb(185, 166, 68)  
}
```

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(185, 166, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 166, 68) }
```

Border

The CSS property to change the border of an element to Yxy 38.0041, 0.4146, 0.4542 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(185, 166, 68) }
```

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

```
.border{ border-color:rgb(185, 166, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 166, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 166, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 166, 68);  
box-shadow:4px 4px 4px 4px rgb(185, 166,  
68) }
```


Background

The CSS property to change the background color of an element to Yxy 38.0041, 0.4146, 0.4542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 166, 68) }
```

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

```
.background{ background-color: rgb(185,  
166, 68) }
```

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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