

Converting Colors

Yxy(36.4478, 0.4123, 0.4523)

Have a look what the booklet for
Yxy(36.4478, 0.4123, 0.4523)
contains.

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Color

Yxy(36.4478, 0.4123, 0.4523)

Conversions

Conversions Part 1

Format	Color
Hex	B5A345
RGB	181, 163, 69
RGB Percent	71%, 64%, 27%
CMY	0.2903, 0.3607, 0.7295
CMYK	0.00, 0.10, 0.62, 0.29
HSL	50°, 45%, 49%
HSV	50°, 62%, 71%
XYZ	33.2245, 36.4478, 10.9110
YIQ	157.6660, 40.9020, -25.4180

Conversions

Conversions Part 2

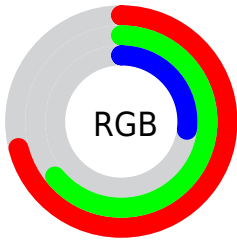
Format	Color
R _Y B	90, 181, 69
Decimal	11903813
CIE Lab	66.86, -4.94, 49.97
CIE LCh	67, 50.211, 95.648
Yxy	36.4478, 0.4123, 0.4523
Android (android.graphics.Color)	4290093893 (0xFFB5A345)
YUV	157.6660, -43.7123, 20.4639
Hunter-Lab	60.3720, -7.4173, 31.5450

Details

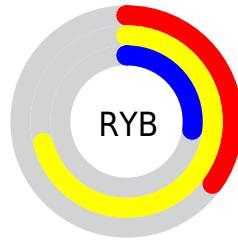
The Yxy color **36.4478, 0.4123, 0.4523** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **11.4097, 0.2006, 0.1612**, and the grayscale version is **34.2200, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.8740, 0.3953, 0.4308**, and **15.9774, 0.4339, 0.4840** is the 20% darker color. If you saturate the color by 10%, you get **35.2383, 0.4259, 0.4655**, and if you desaturate by 10%, it is **37.7530, 0.3969, 0.4357**.

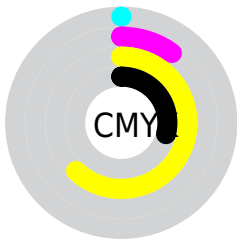
Distribution



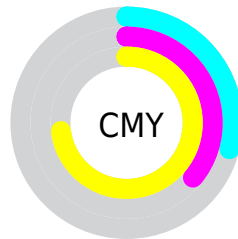
- Red (71%)
- Green (64%)
- Blue (27%)



- Red (35%)
- Yellow (71%)
- Blue (27%)



- Cyan (0%)
- Magenta (10%)
- Yellow (62%)
- Black (29%)




- Cyan (29%)
- Magenta (36%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.4478, 0.4123, 0.4523 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 36.4478, 0.4123, 0.4523 by changing the saturation by 10% instead.


 36.4478, 0.4123,
0.4523


 36.4478, 0.4123,
0.4523


330.9136, 0.3640,
0.3907

 24.7802, 0.4227,
0.4664


 69.7227, 0.3957,
0.4306


 15.9134, 0.4345,
0.4831

 92.0988, 0.3891,
0.4222

 9.4629, 0.4471,
0.5024


 118.8132, 0.3835,
0.4150

 5.0443, 0.4670,
0.5330

 150.2503, 0.3785,
0.4087

 2.2733, 0.4607,
0.5393

 186.7945, 0.3742,
0.4033

 0.7595, 0.4419,
0.5581

228.8302, 0.3704,

 0.0000, 0.0000,

0.3986

0.0000

276.7417, 0.3670,
0.3944

■ 36.4478, 0.4123,
0.4523

■ 36.4478, 0.4123,
0.4523

■ 35.2383, 0.4259,
0.4655

■ 37.7530, 0.3969,
0.4357

■ 34.1127, 0.4371,
0.4746

■ 39.1545, 0.3805,
0.4165

■ 33.0648, 0.4455,
0.4791

■ 40.6592, 0.3636,
0.3958

■ 32.2588, 0.4507,
0.4803

■ 42.2720, 0.3469,
0.3745

■ 43.9972, 0.3307,
0.3533

■ 45.8389, 0.3155,
0.3328

■ 47.8011, 0.3013,
0.3132

■ 49.8874, 0.2883,
0.2949

■ 52.1013, 0.2764,
0.2779

Harmonies

Analogous

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



36.4478, 0.4561, 0.4053



36.4478, 0.4123, 0.4523



36.4478, 0.3449, 0.4689

Triad

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



36.4478, 0.4123, 0.4523



36.4478, 0.1853, 0.2805



36.4478, 0.3412, 0.2501

Complementary

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



36.4478, 0.4123, 0.4523



11.4097, 0.2006, 0.1612

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.



36.4478, 0.2665, 0.2214



36.4478, 0.4123, 0.4523



36.4478, 0.1848, 0.2326

Square

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



36.4478, 0.4123, 0.4523



36.4478, 0.2152, 0.3558



36.4478, 0.2122, 0.2142



36.4478, 0.4156, 0.2952

Rectangle

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



36.4478, 0.4123, 0.4523



36.4478, 0.2960, 0.4510



36.4478, 0.2122, 0.2142



36.4478, 0.3150, 0.2384

Sweetspot

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



36.4495, 0.4123, 0.4523



76.4957, 0.3426, 0.3691



14.7749, 0.4727, 0.3046



16.3500, 0.3473, 0.3751



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



36.4495, 0.4123, 0.4523



62.4301, 0.4299, 0.4690



39.3692, 0.3625, 0.4915



9.6698, 0.3267, 0.3480



22.3271, 0.4503, 0.4807



0.7645, 0.4403, 0.4886

Inverse Universe

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



11.4097, 0.2006, 0.1612



14.0881, 0.1784, 0.1231



10.6733, 0.2284, 0.1482



8.4432, 0.2985, 0.3093



2.9763, 0.1543, 0.0754



0.1612, 0.1664, 0.1191

Previews

White Background



This preview shows how the Yxy color 36.4478, 0.4123, 0.4523 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 36.4478, 0.4123, 0.4523 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

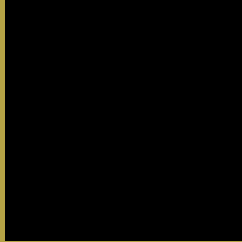
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.4478, 0.4123, 0.4523

Background



This preview shows how black text looks on a background with the Yxy color 36.4478, 0.4123, 0.4523.



This preview shows how white text looks on a background with the Yxy color 36.4478, 0.4123, 0.4523.

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

36.4478, 0.4123, 0.4523

Protanopia

36.4478, 0.4123, 0.4523

Deuteranopia

36.4542, 0.4394, 0.4304



Tritanopia

36.3179, 0.3376, 0.3130

Trichromacy



Original Color

36.4478, 0.4123, 0.4523

Protanomaly

36.4478, 0.4123, 0.4523

Deuteranomaly

36.3653, 0.4293, 0.4387

Tritanomaly

36.1648, 0.3682, 0.3665

Monochromacy



Original Color

36.4478, 0.4123, 0.4523

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

34.7550, 0.3501, 0.3795

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.4478, 0.4123, 0.4523 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(181, 163, 69)` looks like.

```
.text, #text, p{  
    color:rgb(181, 163, 69)  
}
```

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(181, 163, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 163, 69) }
```

Border

The CSS property to change the border of an element to Yxy 36.4478, 0.4123, 0.4523 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(181, 163, 69) }
```

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

```
.border{ border-color:rgb(181, 163, 69) }
```

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

Here you see how a box with a 4 pixel rgb(181, 163, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 163, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 163, 69);  
box-shadow:4px 4px 4px 4px rgb(181, 163,  
69) }
```


Background

The CSS property to change the background color of an element to Yxy 36.4478, 0.4123, 0.4523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 163, 69) }
```

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

```
.background{ background-color: rgb(181,  
163, 69) }
```

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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