

Converting Colors

$Y_{xy}(10.3953, 0.4178, 0.4382)$

Have a look what the booklet for
Yxy(10.3953, 0.4178, 0.4382)
contains.

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Color

Yxy(10.3554, 0.4181, 0.4381)

Conversions

Conversions Part 1

Format	Color
Hex	6A5927
RGB	106, 89, 39
RGB Percent	42%, 35%, 15%
CMY	0.5843, 0.6510, 0.8470
CMYK	0.00, 0.16, 0.63, 0.58
HSL	45°, 46%, 28%
HSV	45°, 63%, 42%
XYZ	9.8827, 10.3554, 3.3990
YIQ	88.3830, 26.1820, -11.9460

Conversions

Conversions Part 2

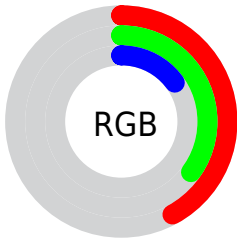
Format	Color
R_{YB}	62, 106, 39
Decimal	6969639
CIE Lab	38.47, 0.32, 30.94
CIE LCh	38, 30.946, 89.410
Yxy	10.3554, 0.4181, 0.4381
Android (android.graphics.Color)	4285159719 (0xFF6A5927)
YUV	88.3830, -24.3458, 15.4501
Hunter-Lab	32.1798, -1.4960, 16.2633

Details

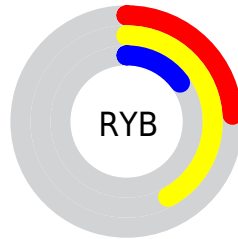
The Yxy color **10.3554, 0.4181, 0.4381** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4.3024, 0.2077, 0.1841**, and the grayscale version is **9.8978, 0.3127, 0.3290**.

A 20% lighter version of the original color is **26.5081, 0.3920, 0.4122**, and **2.6712, 0.4590, 0.4738** is the 20% darker color. If you saturate the color by 10%, you get **9.8556, 0.4344, 0.4502**, and if you desaturate by 10%, it is **10.8922, 0.4007, 0.4232**.

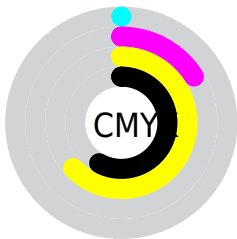
Distribution



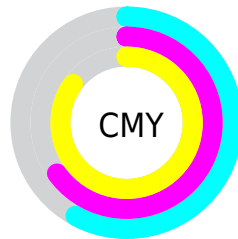
- Red (42%)
- Green (35%)
- Blue (15%)



- Red (24%)
- Yellow (42%)
- Blue (15%)



- Cyan (0%)
- Magenta (16%)
- Yellow (63%)
- Black (58%)





- Cyan (58%)
- Magenta (65%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.3554, 0.4181, 0.4381 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 10.3554, 0.4181, 0.4381 by changing the saturation by 10% instead.


 10.3554, 0.4181,
0.4381


 10.3554, 0.4181,
0.4381


193.1901, 0.3548,
0.3727


 5.6352, 0.4369,
0.4574

 26.4619, 0.3924,
0.4116


 2.6246, 0.4830,
0.5049


 38.6169, 0.3835,
0.4024

 0.9390, 0.4896,
0.5104

 54.0191, 0.3764,
0.3950

 0.0000, 0.0000,
0.0000

 73.0528, 0.3705,
0.3889

 96.1023, 0.3656,
0.3839

 123.5521, 0.3614,

0.3796

155.7866, 0.3578,
0.3759

10.3554, 0.4181,
0.4381

10.3554, 0.4181,
0.4381

9.8556, 0.4344,
0.4502

10.8922, 0.4007,
0.4232

9.3894, 0.4490,
0.4586

11.4663, 0.3828,
0.4064

8.9548, 0.4612,
0.4630

12.0795, 0.3652,
0.3884

8.6706, 0.4695,
0.4654

12.7333, 0.3482,
0.3701

13.4290, 0.3321,
0.3520

■ 14.1679, 0.3172,
0.3344

■ 14.9510, 0.3035,
0.3177

■ 15.7796, 0.2910,
0.3021

■ 16.6546, 0.2797,
0.2875

Harmonies

Analogous

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



10.3554, 0.4520, 0.3914



10.3554, 0.4181, 0.4381



10.3554, 0.3580, 0.4604

Triad

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



10.3554, 0.4181, 0.4381



10.3554, 0.1958, 0.2970



10.3554, 0.3243, 0.2472

Complementary

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



10.3554, 0.4181, 0.4381



4.3024, 0.2077, 0.1841

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.



10.3554, 0.2567, 0.2238



10.3554, 0.4181, 0.4381



10.3554, 0.1894, 0.2454

Square

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



10.3554, 0.4181, 0.4381



10.3554, 0.2304, 0.3704



10.3554, 0.2101, 0.2220



10.3554, 0.3962, 0.2875

Rectangle

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



10.3554, 0.4181, 0.4381



10.3554, 0.3119, 0.4503



10.3554, 0.2101, 0.2220



10.3554, 0.3002, 0.2372

Sweetspot

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



10.3559, 0.4181, 0.4381



22.7862, 0.3422, 0.3634



4.8107, 0.4459, 0.2896



5.2782, 0.3456, 0.3672



55.4222, 0.3127, 0.3290



5.9254, 0.3127, 0.3290

Same Dimension

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



10.3559, 0.4181, 0.4381



16.8879, 0.4419, 0.4548



12.6469, 0.3721, 0.4815



3.4600, 0.3257, 0.3445



10.7058, 0.4702, 0.4649



53.1107, 0.4737, 0.4621

Inverse Universe

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



4.3024, 0.2077, 0.1841



5.3409, 0.1848, 0.1454



3.2953, 0.2201, 0.1485



3.1385, 0.2997, 0.3130



2.2082, 0.1600, 0.0958



10.0389, 0.1575, 0.0870

Previews

White Background



This preview shows how the Yxy color 10.3554, 0.4181, 0.4381 looks on a white background.

Color Contrast Check

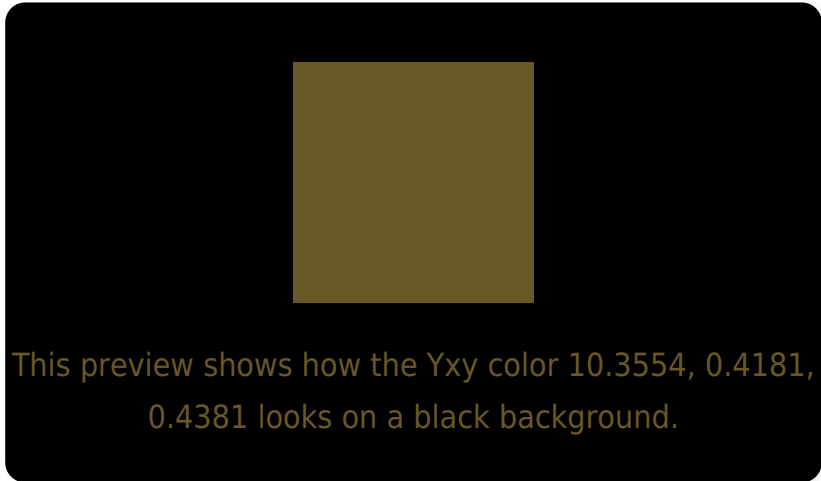
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

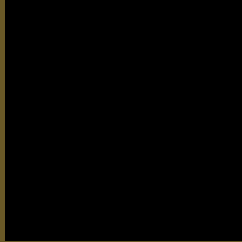
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.3554, 0.4181, 0.4381

Background



This preview shows how black text looks on a background with the Yxy color 10.3554, 0.4181, 0.4381.



This preview shows how white text looks on a background with the Yxy color 10.3554, 0.4181, 0.4381.

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

10.3554, 0.4181, 0.4381

Protanopia

10.4021, 0.4055, 0.4444

Deuteranopia

10.2535, 0.4315, 0.4257



Tritanopia

10.3938, 0.3477, 0.3158

Trichromacy



Original Color

10.3554, 0.4181, 0.4381

Protanomaly

10.3491, 0.4103, 0.4408

Deuteranomaly

10.2846, 0.4266, 0.4292

Tritanomaly

10.3617, 0.3776, 0.3632

Monochromacy



Original Color

10.3554, 0.4181, 0.4381

Achromatopsia

9.7587, 0.3127, 0.3290

Achromatomaly

9.8545, 0.3532, 0.3736

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.3554, 0.4181, 0.4381 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(106, 89, 39)` looks like.

```
.text, #text, p{  
    color:rgb(106, 89, 39)  
}
```

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(106, 89, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 89, 39) }
```

Border

The CSS property to change the border of an element to Yxy 10.3554, 0.4181, 0.4381 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(106, 89, 39) }
```

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

```
.border{ border-color:rgb(106, 89, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 89, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 89, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 89, 39);  
box-shadow:4px 4px 4px 4px rgb(106, 89,  
39) }
```


Background

The CSS property to change the background color of an element to Yxy 10.3554, 0.4181, 0.4381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 89, 39) }
```

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

```
.background{ background-color: rgb(106, 89,  
39) }
```

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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