

Converting Colors

$Y_{xy}(14.5589, 0.4177, 0.4612)$

Have a look what the booklet for
Yxy(14.5589, 0.4177, 0.4612)
contains.

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Color

Yxy(14.5647, 0.4181, 0.4619)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 776B24 |
| RGB | 119, 107, 36 |
| RGB Percent | 47%, 42%, 14% |
| CMY | 0.5333, 0.5804, 0.8589 |
| CMYK | 0.00, 0.10, 0.70, 0.53 |
| HSL | 51°, 54%, 30% |
| HSV | 51°, 70%, 47% |
| XYZ | 13.1836, 14.5647, 3.7839 |
| YIQ | 102.4940, 29.9430, -19.5370 |

Conversions

Conversions Part 2

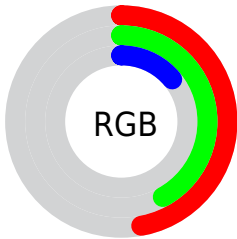
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 50, 119, 36 |
| Decimal | 7826212 |
| CIELab | 45.03, -4.25, 39.96 |
| CIELCh | 45, 40.187, 96.067 |
| Yxy | 14.5647, 0.4181, 0.4619 |
| Android (android.graphics.Color) | 4286016292 (0xFF776B24) |
| YUV | 102.4940, -32.7815, 14.4758 |
| Hunter-Lab | 38.1637, -5.1240, 20.8361 |

Details

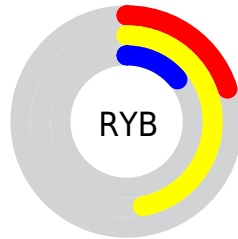
The Yxy color **14.5647, 0.4181, 0.4619** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **3.8187, 0.1904, 0.1422**, and the grayscale version is **13.5050, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.1083, 0.3967, 0.4320**, and **4.4607, 0.4390, 0.4896** is the 20% darker color. If you saturate the color by 10%, you get **14.1494, 0.4295, 0.4728**, and if you desaturate by 10%, it is **15.0127, 0.4046, 0.4474**.

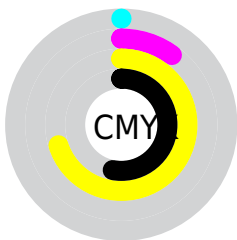
Distribution



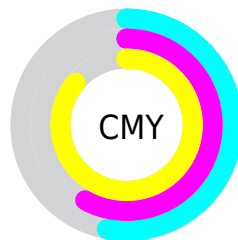
- Red (47%)
- Green (42%)
- Blue (14%)



- Red (20%)
- Yellow (47%)
- Blue (14%)



- Cyan (0%)
- Magenta (10%)
- Yellow (70%)
- Black (53%)




- Cyan (53%)
- Magenta (58%)
- Yellow (86%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 14.5647, 0.4181, 0.4619 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 14.5647, 0.4181, 0.4619 by changing the saturation by 10% instead.


 14.5647, 0.4181,
0.4619


 14.5647, 0.4181,
0.4619


 220.7161, 0.3595,
0.3857


 8.5145, 0.4323,
0.4823


 34.0877, 0.3962,
0.4324


 4.4259, 0.4569,
0.5170

 48.3293, 0.3880,
0.4218


 1.9145, 0.4632,
0.5368


 66.0700, 0.3812,
0.4130

 0.5571, 0.4332,
0.5668

 87.6944, 0.3754,
0.4057

 0.0000, 0.0000,
0.0000

 113.5868, 0.3706,
0.3995

 144.1317, 0.3663,

0.3943

179.7133, 0.3627,
0.3897

14.5647, 0.4181,
0.4619

14.5647, 0.4181,
0.4619

14.1494, 0.4295,
0.4728

15.0127, 0.4046,
0.4474

13.7622, 0.4385,
0.4797

15.4935, 0.3897,
0.4300

13.3950, 0.4460,
0.4839

16.0098, 0.3739,
0.4106

13.3863, 0.4461,
0.4840

16.5634, 0.3579,
0.3901

17.1559, 0.3421,
0.3692

■ 17.7889, 0.3268,
0.3485

■ 18.4638, 0.3124,
0.3285

■ 19.1819, 0.2989,
0.3095

■ 19.9445, 0.2865,
0.2917

Harmonies

Analogous

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



14.5647, 0.4668, 0.4101



14.5647, 0.4181, 0.4619



14.5647, 0.3451, 0.4817

Triad

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



14.5647, 0.4181, 0.4619



14.5647, 0.1758, 0.2747



14.5647, 0.3444, 0.2449

Complementary

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



14.5647, 0.4181, 0.4619



3.8187, 0.1904, 0.1422

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.



14.5647, 0.2635, 0.2141



14.5647, 0.4181, 0.4619



14.5647, 0.1760, 0.2243

Square

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



14.5647, 0.4181, 0.4619



14.5647, 0.2066, 0.3564



14.5647, 0.2053, 0.2059



14.5647, 0.4254, 0.2928

Rectangle

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



14.5647, 0.4181, 0.4619



14.5647, 0.2926, 0.4623



14.5647, 0.2053, 0.2059



14.5647, 0.3159, 0.2324

Sweetspot

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



14.5654, 0.4181, 0.4619



30.5289, 0.3448, 0.3729



5.3996, 0.4988, 0.3067



7.1789, 0.3483, 0.3775



62.0916, 0.3127, 0.3290



7.8288, 0.3127, 0.3290

Same Dimension

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



14.5654, 0.4181, 0.4619



24.8906, 0.4356, 0.4777



15.4916, 0.3625, 0.5048



4.1805, 0.3257, 0.3470



14.2119, 0.4462, 0.4839



68.2934, 0.4479, 0.4826

Inverse Universe

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



3.8187, 0.1904, 0.1422



4.3744, 0.1673, 0.1009



3.7177, 0.2217, 0.1342



3.6675, 0.2995, 0.3103



1.8376, 0.1544, 0.0757



8.1642, 0.1527, 0.0698

Previews

White Background



This preview shows how the Yxy color 14.5647, 0.4181, 0.4619 looks on a white background.

Color Contrast Check

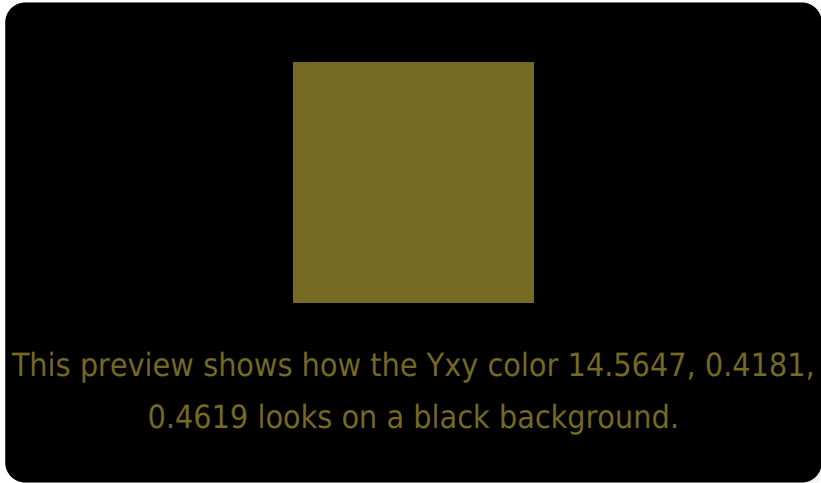
Large Text (above 18pt) WCAG AA ✓ Pass

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

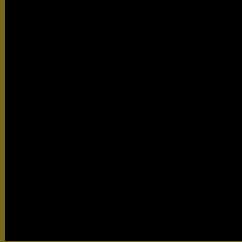
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.5647, 0.4181, 0.4619

Background



This preview shows how black text looks on a background with the Yxy color 14.5647, 0.4181, 0.4619.



This preview shows how white text looks on a background with the Yxy color 14.5647, 0.4181, 0.4619.

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

14.5647, 0.4181, 0.4619

Protanopia

14.5647, 0.4181, 0.4619

Deuteranopia

14.4338, 0.4453, 0.4380



Tritanopia

14.5570, 0.3385, 0.3134

Trichromacy



Original Color

14.5647, 0.4181, 0.4619

Protanomaly

14.5647, 0.4181, 0.4619

Deuteranomaly

14.4233, 0.4361, 0.4465

Tritanomaly

14.5206, 0.3721, 0.3716

Monochromacy



Original Color

14.5647, 0.4181, 0.4619

Achromatopsia

13.2868, 0.3127, 0.3290

Achromatomaly

13.6388, 0.3541, 0.3860

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.5647, 0.4181, 0.4619 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(119, 107, 36)` looks like.

```
.text, #text, p{  
    color:rgb(119, 107, 36)  
}
```

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(119, 107, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 107, 36) }
```

Border

The CSS property to change the border of an element to Yxy 14.5647, 0.4181, 0.4619 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(119, 107, 36) }
```

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

```
.border{ border-color:rgb(119, 107, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 107, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 107, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 107, 36);  
box-shadow:4px 4px 4px 4px rgb(119, 107,  
36) }
```


Background

The CSS property to change the background color of an element to Yxy 14.5647, 0.4181, 0.4619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 107, 36) }
```

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

```
.background{ background-color: rgb(119,  
107, 36) }
```

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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