

Converting Colors

$Y_{xy}(9.9362, 0.4473, 0.4520)$

Have a look what the booklet for
Yxy(9.9362, 0.4473, 0.4520)
contains.

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Color

Yxy(10.0324, 0.4471, 0.4525)

Conversions

Conversions Part 1

Format	Color
Hex	6E5617
RGB	110, 86, 23
RGB Percent	43%, 34%, 9%
CMY	0.5686, 0.6627, 0.9097
CMYK	0.00, 0.22, 0.79, 0.57
HSL	43°, 65%, 26%
HSV	43°, 79%, 43%
XYZ	9.9127, 10.0324, 2.2260
YIQ	85.9940, 34.5270, -14.5050

Conversions

Conversions Part 2

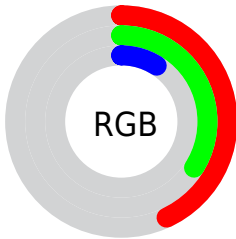
Format	Color
R _Y B	56, 110, 23
Decimal	7230999
CIE Lab	37.90, 3.02, 38.25
CIE LCh	38, 38.364, 85.479
Yxy	10.0324, 0.4471, 0.4525
Android (android.graphics.Color)	4285421079 (0xFF6E5617)
YUV	85.9940, -31.0560, 21.0533
Hunter-Lab	31.6740, 0.4339, 18.0050

Details

The Yxy color **10.0324, 0.4471, 0.4525** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3.3428, 0.1844, 0.1472**, and the grayscale version is **9.3672, 0.3127, 0.3290**.

A 20% lighter version of the original color is **25.7822, 0.4171, 0.4247**, and **2.5157, 0.4755, 0.4607** is the 20% darker color. If you saturate the color by 10%, you get **9.5232, 0.4611, 0.4580**, and if you desaturate by 10%, it is **10.5815, 0.4309, 0.4429**.

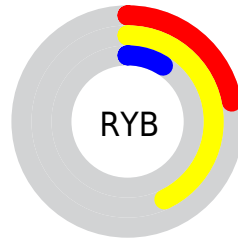
Distribution



Red (43%)

Green (34%)

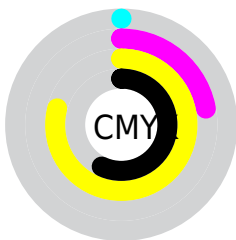
Blue (9%)



Red (22%)

Yellow (43%)

Blue (9%)

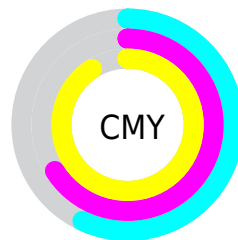


Cyan (0%)

Magenta (22%)

Yellow (79%)

Black (57%)



Cyan (57%)


Magenta (66%)


Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.0324, 0.4471, 0.4525 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 10.0324, 0.4471, 0.4525 by changing the saturation by 10% instead.


 10.0324, 0.4471,
0.4525


 10.0324, 0.4471,
0.4525


190.9032, 0.3676,
0.3812


 5.4204, 0.4693,
0.4708

 25.8564, 0.4159,
0.4253


 2.4960, 0.5027,
0.4973


 37.8373, 0.4047,
0.4153

 0.8746, 0.5090,
0.4910

 53.0432, 0.3956,
0.4070

 0.0000, 0.0000,
0.0000


 71.8587, 0.3880,
0.4001


 94.6680, 0.3817,
0.3942


 121.8556, 0.3763,


0.3892


 153.8058, 0.3716,
0.3849


 10.0324, 0.4471,
0.4525


 10.0324, 0.4471,
0.4525

 9.5232, 0.4611,
0.4580


 10.5815, 0.4309,
0.4429


 9.0448, 0.4737,
0.4608

 11.1713, 0.4132,
0.4299

 9.0011, 0.4750,
0.4611

 11.8043, 0.3949,
0.4145

 12.4822, 0.3765,
0.3974

 13.2068, 0.3587,
0.3796

■ 13.9795, 0.3417,
0.3617

■ 14.8019, 0.3259,
0.3442

■ 15.6753, 0.3114,
0.3275

■ 16.6009, 0.2982,
0.3116

Harmonies

Analogous

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



10.0324, 0.4863, 0.3913



10.0324, 0.4471, 0.4525



10.0324, 0.3752, 0.4924

Triad

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



10.0324, 0.4471, 0.4525



10.0324, 0.1741, 0.2973



10.0324, 0.3139, 0.2253

Complementary

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



10.0324, 0.4471, 0.4525



3.3428, 0.1844, 0.1472

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.



10.0324, 0.2343, 0.2006



10.0324, 0.4471, 0.4525



10.0324, 0.1635, 0.2310

Square

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



10.0324, 0.4471, 0.4525



10.0324, 0.2181, 0.3937



10.0324, 0.1836, 0.2010



10.0324, 0.4058, 0.2703

Rectangle

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



10.0324, 0.4471, 0.4525



10.0324, 0.3194, 0.4894



10.0324, 0.1836, 0.2010



10.0324, 0.2847, 0.2145

Sweetspot

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



10.0329, 0.4471, 0.4525



23.7856, 0.3510, 0.3717



4.1393, 0.4982, 0.2839



5.4511, 0.3556, 0.3765



57.0482, 0.3127, 0.3290



6.3724, 0.3127, 0.3290

Same Dimension

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



10.0329, 0.4471, 0.4525



16.0172, 0.4709, 0.4593



13.4448, 0.3813, 0.5096



3.7682, 0.3259, 0.3442



10.7643, 0.4756, 0.4606



52.1235, 0.4795, 0.4575

Inverse Universe

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



3.3428, 0.1844, 0.1472



3.8669, 0.1647, 0.1069



2.2291, 0.1914, 0.1048



3.4365, 0.2996, 0.3134



2.4436, 0.1612, 0.1003



10.9000, 0.1587, 0.0914

Previews

White Background



This preview shows how the Yxy color 10.0324, 0.4471, 0.4525 looks on a white background.

Color Contrast Check

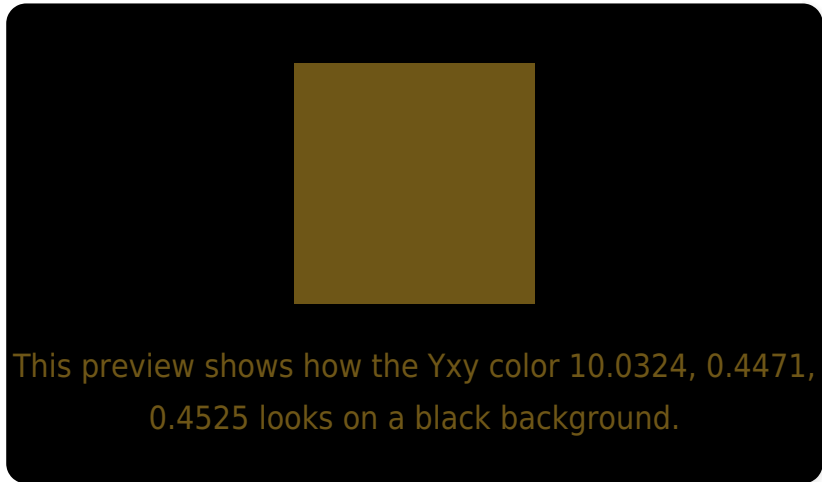
Large Text (above 18pt) WCAG AA ✓ Pass

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

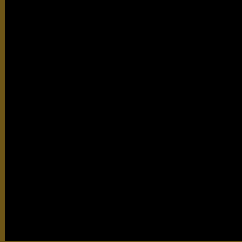
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.0324, 0.4471, 0.4525

Background



This preview shows how black text looks on a background with the Yxy color 10.0324, 0.4471, 0.4525.



This preview shows how white text looks on a background with the Yxy color 10.0324, 0.4471, 0.4525.

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

10.0324, 0.4471, 0.4525

Protanopia

10.0876, 0.4222, 0.4693

Deuteranopia

10.0077, 0.4514, 0.4474



Tritanopia

9.9866, 0.3635, 0.3160

Trichromacy



Original Color

10.0324, 0.4471, 0.4525

Protanomaly

10.1538, 0.4308, 0.4631

Deuteranomaly

9.9425, 0.4497, 0.4485

Tritanomaly

9.9042, 0.4020, 0.3713

Monochromacy



Original Color

10.0324, 0.4471, 0.4525

Achromatopsia

9.3059, 0.3127, 0.3290

Achromatomaly

9.4474, 0.3659, 0.3865

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.0324, 0.4471, 0.4525 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(110, 86, 23)` looks like.

```
.text, #text, p{  
    color:rgb(110, 86, 23)  
}
```

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(110, 86, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 86, 23) }
```

Border

The CSS property to change the border of an element to Yxy 10.0324, 0.4471, 0.4525 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(110, 86, 23) }
```

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

```
.border{ border-color:rgb(110, 86, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 86, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 86, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 86, 23);  
box-shadow:4px 4px 4px 4px rgb(110, 86,  
23) }
```


Background

The CSS property to change the background color of an element to Yxy 10.0324, 0.4471, 0.4525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 86, 23) }
```

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

```
.background{ background-color: rgb(110, 86,  
23) }
```

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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