

Converting Colors

$Y_{xy}(10.9599, 0.4451, 0.4529)$

Have a look what the booklet for
Yxy(10.9599, 0.4451, 0.4529)
contains.

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Color

Yxy(10.9599, 0.4451, 0.4529)

Conversions

Conversions Part 1

Format	Color
Hex	725A19
RGB	114, 90, 25
RGB Percent	45%, 35%, 10%
CMY	0.5529, 0.6470, 0.9019
CMYK	0.00, 0.21, 0.78, 0.55
HSL	44°, 64%, 27%
HSV	44°, 78%, 45%
XYZ	10.7711, 10.9599, 2.4683
YIQ	89.7660, 35.1690, -15.1270

Conversions

Conversions Part 2

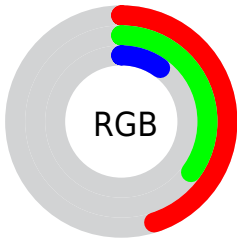
Format	Color
R_{YB}	58, 114, 25
Decimal	7494169
CIE Lab	39.51, 2.68, 39.11
CIE LCh	40, 39.200, 86.078
Yxy	10.9599, 0.4451, 0.4529
Android (android.graphics.Color)	4285684249 (0xFF725A19)
YUV	89.7660, -31.9296, 21.2532
Hunter-Lab	33.1057, 0.1410, 18.7534

Details

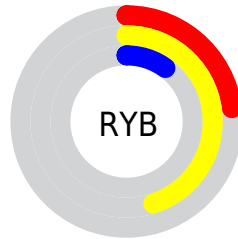
The Yxy color **10.9599, 0.4451, 0.4529** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3.6196, 0.1849, 0.1475**, and the grayscale version is **10.2368, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.6722, 0.4155, 0.4268**, and **2.9335, 0.4720, 0.4634** is the 20% darker color. If you saturate the color by 10%, you get **10.4129, 0.4591, 0.4588**, and if you desaturate by 10%, it is **11.5496, 0.4289, 0.4429**.

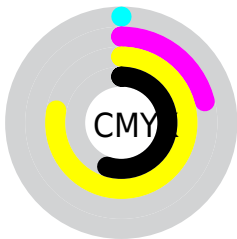
Distribution



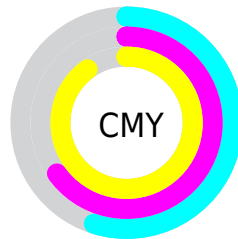
- Red (45%)
- Green (35%)
- Blue (10%)



- Red (23%)
- Yellow (45%)
- Blue (10%)



- Cyan (0%)
- Magenta (21%)
- Yellow (78%)
- Black (55%)





- Cyan (55%)
- Magenta (65%)
- Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.9599, 0.4451, 0.4529 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 10.9599, 0.4451, 0.4529 by changing the saturation by 10% instead.


 10.9599, 0.4451,
0.4529


 10.9599, 0.4451,
0.4529


197.3922, 0.3678,
0.3820


 6.0399, 0.4656,
0.4703


 27.5860, 0.4151,
0.4261


 2.8693, 0.5003,
0.4997

 40.0609, 0.4042,
0.4161


 1.0639, 0.5054,
0.4946

 55.8228, 0.3953,
0.4078

 0.0000, 1.0000,
0.0000

 75.2562, 0.3879,
0.4009


 0.0000, 0.0000,
0.0000


 98.7454, 0.3816,
0.3951


 126.6749, 0.3763,

0.3901

 159.4291, 0.3718,
0.3858


 10.9599, 0.4451,
0.4529


 10.9599, 0.4451,
0.4529


 10.4129, 0.4591,
0.4588


 11.5496, 0.4289,
0.4429

 9.9003, 0.4713,
0.4615

 12.1827, 0.4113,
0.4295

 9.8032, 0.4738,
0.4620

 12.8619, 0.3930,
0.4138

 13.5892, 0.3747,
0.3964

 14.3664, 0.3570,
0.3784

■ 15.1951, 0.3401,
0.3603

■ 16.0769, 0.3245,
0.3427

■ 17.0132, 0.3100,
0.3258

■ 18.0054, 0.2968,
0.3098

Harmonies

Analogous

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



10.9599, 0.4848, 0.3923



10.9599, 0.4451, 0.4529



10.9599, 0.3733, 0.4915

Triad

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



10.9599, 0.4451, 0.4529



10.9599, 0.1745, 0.2960



10.9599, 0.3158, 0.2266

Complementary

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



10.9599, 0.4451, 0.4529



3.6196, 0.1849, 0.1475

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.



10.9599, 0.2362, 0.2017



10.9599, 0.4451, 0.4529



10.9599, 0.1646, 0.2308

Square

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



10.9599, 0.4451, 0.4529



10.9599, 0.2177, 0.3912



10.9599, 0.1852, 0.2015



10.9599, 0.4068, 0.2718

Rectangle

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



10.9599, 0.4451, 0.4529



10.9599, 0.3179, 0.4874



10.9599, 0.1852, 0.2015



10.9599, 0.2866, 0.2158

Sweetspot

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



10.9604, 0.4451, 0.4529



25.8849, 0.3493, 0.3703



4.5056, 0.4957, 0.2839



5.8918, 0.3542, 0.3755



58.7016, 0.3127, 0.3290



6.8385, 0.3127, 0.3290

Same Dimension

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



10.9604, 0.4451, 0.4529



17.5461, 0.4687, 0.4604



14.5226, 0.3811, 0.5086



3.7715, 0.3259, 0.3443



10.8848, 0.4741, 0.4618



52.7416, 0.4778, 0.4588

Inverse Universe

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



3.6196, 0.1849, 0.1475



4.1749, 0.1649, 0.1069



2.4530, 0.1925, 0.1064



3.4334, 0.2996, 0.3132



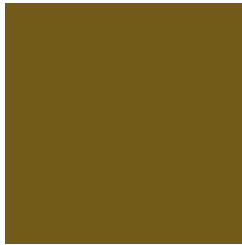
2.4028, 0.1608, 0.0989



10.7163, 0.1584, 0.0901

Previews

White Background



This preview shows how the Yxy color 10.9599, 0.4451, 0.4529 looks on a white background.

Color Contrast Check

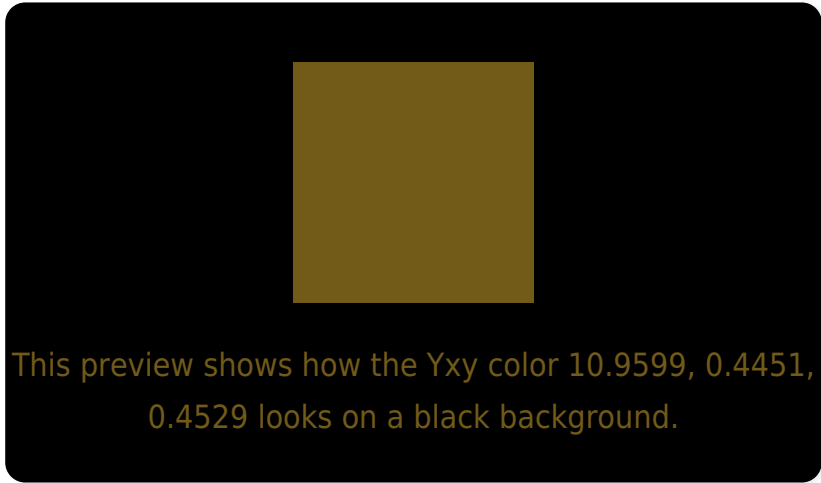
Large Text (above 18pt) WCAG AA ✓ Pass

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 10.9599, 0.4451, 0.4529

Background



This preview shows how black text looks on a background with the Yxy color 10.9599, 0.4451, 0.4529.



This preview shows how white text looks on a background with the Yxy color 10.9599, 0.4451, 0.4529.

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

10.9599, 0.4451, 0.4529

Protanopia

11.0832, 0.4228, 0.4679

Deuteranopia

11.0012, 0.4508, 0.4470



Tritanopia

10.9304, 0.3615, 0.3164

Trichromacy



Original Color

10.9599, 0.4451, 0.4529

Protanomaly

11.0914, 0.4294, 0.4631

Deuteranomaly

10.9323, 0.4492, 0.4480

Tritanomaly

10.8308, 0.4001, 0.3721

Monochromacy



Original Color

10.9599, 0.4451, 0.4529

Achromatopsia

10.2242, 0.3127, 0.3290

Achromatomaly

10.3583, 0.3654, 0.3868

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.9599, 0.4451, 0.4529 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(114, 90, 25)` looks like.

```
.text, #text, p{  
    color:rgb(114, 90, 25)  
}
```

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(114, 90, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 90, 25) }
```

Border

The CSS property to change the border of an element to Yxy 10.9599, 0.4451, 0.4529 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(114, 90, 25) }
```

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

```
.border{ border-color:rgb(114, 90, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 90, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 90, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 90, 25);  
box-shadow:4px 4px 4px 4px rgb(114, 90,  
25) }
```


Background

The CSS property to change the background color of an element to Yxy 10.9599, 0.4451, 0.4529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 90, 25) }
```

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

```
.background{ background-color: rgb(114, 90,  
25) }
```

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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