

Converting Colors

$Y_{xy}(10.5990, 0.4474, 0.4123)$

Have a look what the booklet for
Yxy(10.5990, 0.4474, 0.4123)
contains.

Yxy(10.5728, 0.4469, 0.4118)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(10.5728, 0.4469, 0.4118)

Conversions

Conversions Part 1

Format	Color
Hex	79542A
RGB	121, 84, 42
RGB Percent	47%, 33%, 16%
CMY	0.5255, 0.6706, 0.8352
CMYK	0.00, 0.31, 0.65, 0.53
HSL	32°, 48%, 32%
HSV	32°, 65%, 47%
XYZ	11.4740, 10.5728, 3.6278
YIQ	90.2750, 35.5340, -5.2180

Conversions

Conversions Part 2

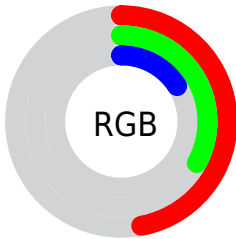
Format	Color
R_{YB}	112, 121, 42
Decimal	7951402
CIE Lab	38.85, 10.68, 30.22
CIE LCh	39, 32.048, 70.526
Yxy	10.5728, 0.4469, 0.4118
Android (android.graphics.Color)	4286141482 (0xFF79542A)
YUV	90.2750, -23.7996, 26.9458
Hunter-Lab	32.5158, 6.0852, 16.1461

Details

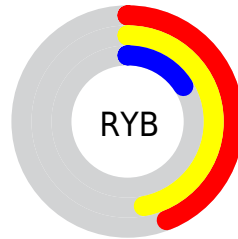
The Yxy color **10.5728, 0.4469, 0.4118** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **7.4675, 0.2130, 0.2208**, and the grayscale version is **10.3386, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.0016, 0.4127, 0.3947**, and **2.7162, 0.5085, 0.4344** is the 20% darker color. If you saturate the color by 10%, you get **9.6547, 0.4718, 0.4191**, and if you desaturate by 10%, it is **11.5894, 0.4220, 0.4014**.

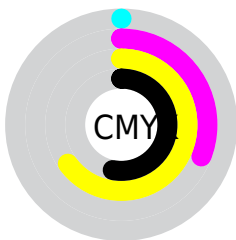
Distribution



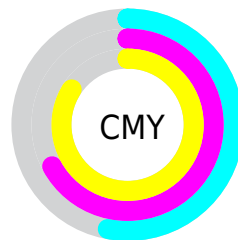
- Red (47%)
- Green (33%)
- Blue (16%)



- Red (44%)
- Yellow (47%)
- Blue (16%)



- Cyan (0%)
- Magenta (31%)
- Yellow (65%)
- Black (53%)





- Cyan (53%)
- Magenta (67%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.5728, 0.4469, 0.4118 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 10.5728, 0.4469, 0.4118 by changing the saturation by 10% instead.


 10.5728, 0.4469,
0.4118


 10.5728, 0.4469,
0.4118


194.7128, 0.3651,
0.3650


 5.7804, 0.4726,
0.4232

 26.8674, 0.4131,
0.3941


 2.7120, 0.5245,
0.4490

 39.1384, 0.4016,
0.3876


 0.9833, 0.5583,
0.4417

 54.6711, 0.3924,
0.3821

 0.0000, 1.0000,
0.0000

 73.8498, 0.3849,
0.3776

 0.0000, 0.0000,
0.0000

 97.0589, 0.3787,
0.3737

 124.6828, 0.3734,

0.3704

157.1060, 0.3689,
0.3675

■ 10.5728, 0.4469,
0.4118

■ 10.5728, 0.4469,
0.4118

■ 9.6547, 0.4718,
0.4191

■ 11.5894, 0.4220,
0.4014

■ 8.8294, 0.4953,
0.4223

■ 12.7066, 0.3980,
0.3891

■ 8.0916, 0.5164,
0.4210

■ 13.9284, 0.3756,
0.3757

■ 7.7681, 0.5266,
0.4201

■ 15.2582, 0.3552,
0.3620

■ 16.6990, 0.3369,
0.3485

■ 18.2538, 0.3205,
0.3355

■ 19.9254, 0.3061,
0.3233

■ 21.7164, 0.2934,
0.3119

■ 23.6295, 0.2823,
0.3014

Harmonies

Analogous

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



10.5728, 0.4569, 0.3582



10.5728, 0.4469, 0.4118



10.5728, 0.3999, 0.4536

Triad

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



10.5728, 0.4469, 0.4118



10.5728, 0.2117, 0.3422



10.5728, 0.2789, 0.2278

Complementary

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



10.5728, 0.4469, 0.4118



7.4675, 0.2130, 0.2208

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.



10.5728, 0.2222, 0.2173



10.5728, 0.4469, 0.4118



10.5728, 0.1872, 0.2729

Square

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



10.5728, 0.4469, 0.4118



10.5728, 0.2638, 0.4183



10.5728, 0.1911, 0.2310



10.5728, 0.3528, 0.2588

Rectangle

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



10.5728, 0.4469, 0.4118



10.5728, 0.3563, 0.4643



10.5728, 0.1911, 0.2310



10.5728, 0.2574, 0.2218

Sweetspot

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



10.5733, 0.4469, 0.4118



28.5294, 0.3462, 0.3555



6.3042, 0.4104, 0.2544



6.3922, 0.3504, 0.3585



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.



10.5733, 0.4469, 0.4118



16.5775, 0.4830, 0.4212



17.8135, 0.3977, 0.4736



4.3349, 0.3265, 0.3404



8.3016, 0.5270, 0.4198



37.8824, 0.5341, 0.4141

Inverse Universe

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



7.4675, 0.2130, 0.2208



10.5755, 0.1946, 0.1916



3.5584, 0.1934, 0.1301



4.1743, 0.2994, 0.3174



4.5595, 0.1759, 0.1531



20.0750, 0.1734, 0.1441

Previews

White Background



This preview shows how the Yxy color 10.5728, 0.4469, 0.4118 looks on a white background.

Color Contrast Check

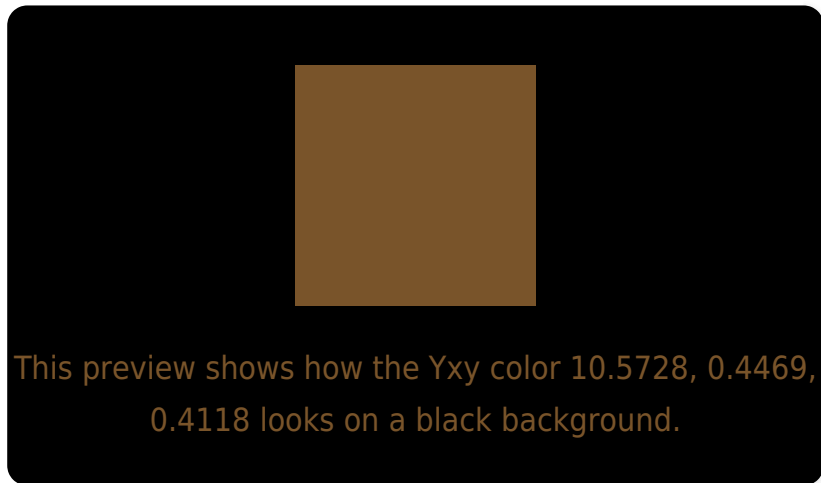
Large Text (above 18pt) WCAG AA ✓ Pass

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

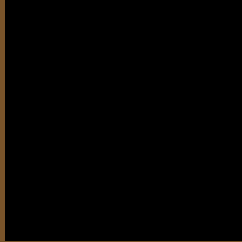
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.5728, 0.4469, 0.4118

Background



This preview shows how black text looks on a background with the Yxy color 10.5728, 0.4469, 0.4118.



This preview shows how white text looks on a background with the Yxy color 10.5728, 0.4469, 0.4118.

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

10.5728, 0.4469, 0.4118

Protanopia

10.6685, 0.3996, 0.4359

Deuteranopia

10.5539, 0.4322, 0.4244



Tritanopia

10.5329, 0.3836, 0.3169

Trichromacy



Original Color

10.5728, 0.4469, 0.4118

Protanomaly

10.5778, 0.4168, 0.4267

Deuteranomaly

10.5976, 0.4387, 0.4202

Tritanomaly

10.5255, 0.4099, 0.3540

Monochromacy



Original Color

10.5728, 0.4469, 0.4118

Achromatopsia

10.2242, 0.3127, 0.3290

Achromatomaly

10.2272, 0.3588, 0.3648

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.5728, 0.4469, 0.4118 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(121, 84, 42)` looks like.

```
.text, #text, p{  
    color:rgb(121, 84, 42)  
}
```

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(121, 84, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 84, 42) }
```

Border

The CSS property to change the border of an element to Yxy 10.5728, 0.4469, 0.4118 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(121, 84, 42) }
```

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

```
.border{ border-color:rgb(121, 84, 42) }
```

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

Here you see how a box with a 4 pixel rgb(121, 84, 42) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 84, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 84, 42);  
box-shadow:4px 4px 4px 4px rgb(121, 84,  
42) }
```


Background

The CSS property to change the background color of an element to Yxy 10.5728, 0.4469, 0.4118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 84, 42) }
```

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

```
.background{ background-color: rgb(121, 84,  
42) }
```

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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