

Converting Colors

$Y_{xy}(10.0612, 0.4468, 0.4743)$

Have a look what the booklet for
Yxy(10.0612, 0.4468, 0.4743)
contains.

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Color

Yxy(10.0612, 0.4468, 0.4743)

Conversions

Conversions Part 1

Format	Color
Hex	6A5808
RGB	106, 88, 8
RGB Percent	42%, 35%, 3%
CMY	0.5843, 0.6549, 0.9684
CMYK	0.00, 0.17, 0.92, 0.58
HSL	49°, 86%, 22%
HSV	49°, 92%, 42%
XYZ	9.4778, 10.0612, 1.6737
YIQ	84.2620, 36.4080, -21.0640

Conversions

Conversions Part 2

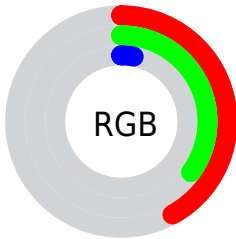
Format	Color
RYB	30, 106, 8
Decimal	6969352
CIELab	37.95, -0.69, 43.29
CIElCh	38, 43.298, 90.915
Yxy	10.0612, 0.4468, 0.4743
Android (android.graphics.Color)	4285159432 (0xFF6A5808)
YUV	84.2620, -37.5972, 19.0642
Hunter-Lab	31.7194, -2.1726, 19.0751

Details

The Yxy color **10.0612, 0.4468, 0.4743** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **1.8339, 0.1640, 0.0979**, and the grayscale version is **8.9981, 0.3127, 0.3290**.

A 20% lighter version of the original color is **26.0909, 0.4183, 0.4432**, and **2.5400, 0.4567, 0.4756** is the 20% darker color. If you saturate the color by 10%, you get **9.8034, 0.4539, 0.4778**, and if you desaturate by 10%, it is **10.4140, 0.4369, 0.4686**.

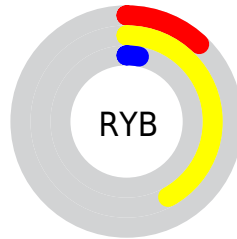
Distribution



Red (42%)

Green (35%)

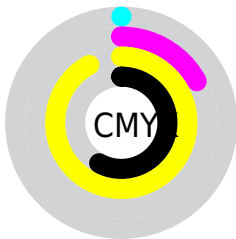
Blue (3%)



Red (12%)

Yellow (42%)

Blue (3%)

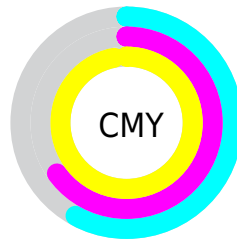


Cyan (0%)

Magenta (17%)

Yellow (92%)

Black (58%)



Cyan (58%)


Magenta (65%)


Yellow (97%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 10.0612, 0.4468, 0.4743 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 10.0612, 0.4468, 0.4743 by changing the saturation by 10% instead.


 10.0612, 0.4468,
0.4743


 10.0612, 0.4468,
0.4743


 191.1083, 0.3700,
0.3906


 5.4396, 0.4693,
0.4992


 25.9105, 0.4182,
0.4429

 2.5074, 0.4838,
0.5162

 37.9070, 0.4074,
0.4310

 0.8803, 0.4822,
0.5178

 53.1306, 0.3983,
0.4212


 0.0000, 0.0000,
0.0000

 71.9656, 0.3908,
0.4130

 94.7965, 0.3844,
0.4061


 122.0077, 0.3789,


0.4002


 153.9835, 0.3742,
0.3951


 10.0612, 0.4468,
0.4743

 10.0612, 0.4468,
0.4743


 9.8034, 0.4539,
0.4778

 10.4140, 0.4369,
0.4686

 10.7909, 0.4247,
0.4589

 11.1945, 0.4106,
0.4456

 11.6267, 0.3950,
0.4295

 12.0890, 0.3787,
0.4113

■ 12.5827, 0.3623,
0.3920

■ 13.1092, 0.3462,
0.3722

■ 13.6696, 0.3307,
0.3525

■ 14.2651, 0.3161,
0.3335

Harmonies

Analogous

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



10.0612, 0.5011, 0.4065



10.0612, 0.4468, 0.4743



10.0612, 0.3626, 0.5157

Triad

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



10.0612, 0.4468, 0.4743



10.0612, 0.1551, 0.2751



10.0612, 0.3319, 0.2221

Complementary

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



10.0612, 0.4468, 0.4743



1.8339, 0.1640, 0.0979

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.



10.0612, 0.2389, 0.1911



10.0612, 0.4468, 0.4743



10.0612, 0.1507, 0.2107

Square

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



10.0612, 0.4468, 0.4743



10.0612, 0.1951, 0.3809



10.0612, 0.1781, 0.1857



10.0612, 0.4345, 0.2739

Rectangle

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



10.0612, 0.4468, 0.4743



10.0612, 0.3007, 0.5053



10.0612, 0.1781, 0.1857



10.0612, 0.2980, 0.2092

Sweetspot

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



10.0617, 0.4468, 0.4743



22.4105, 0.3564, 0.3848



3.3213, 0.5697, 0.3034



5.1815, 0.3616, 0.3912



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.



10.0617, 0.4468, 0.4743



17.0533, 0.4550, 0.4769



11.8880, 0.3705, 0.5353



3.4937, 0.3256, 0.3459



12.1217, 0.4544, 0.4774



60.5982, 0.4567, 0.4756

Inverse Universe

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



1.8339, 0.1640, 0.0979



2.5347, 0.1556, 0.0802



1.6170, 0.1840, 0.0858



3.1069, 0.2997, 0.3115



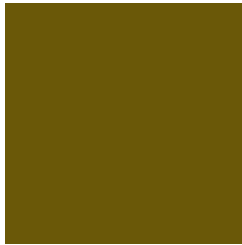
1.8484, 0.1562, 0.0823



8.4562, 0.1542, 0.0750

Previews

White Background



This preview shows how the Yxy color 10.0612, 0.4468, 0.4743 looks on a white background.

Color Contrast Check

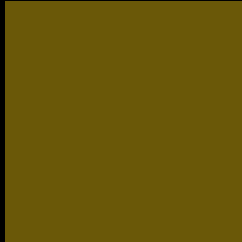
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 10.0612, 0.4468, 0.4743 looks on a 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 10.0612, 0.4468, 0.4743

Background



This preview shows how black text looks on a background with the Yxy color 10.0612, 0.4468, 0.4743.



This preview shows how white text looks on a background with the Yxy color 10.0612, 0.4468, 0.4743.

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

10.0612, 0.4468, 0.4743

Protanopia

10.0988, 0.4341, 0.4832

Deuteranopia

10.0343, 0.4621, 0.4580



Tritanopia

10.1187, 0.3537, 0.3158

Trichromacy



Original Color

10.0612, 0.4468, 0.4743

Protanomaly

10.0480, 0.4393, 0.4790

Deuteranomaly

9.9947, 0.4558, 0.4640

Tritanomaly

9.9076, 0.3997, 0.3858

Monochromacy



Original Color

10.0612, 0.4468, 0.4743

Achromatopsia

8.8656, 0.3127, 0.3290

Achromatomaly

9.0578, 0.3726, 0.4029

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.0612, 0.4468, 0.4743 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, 88, 8)` looks like.

```
.text, #text, p{  
    color:rgb(106, 88, 8)  
}
```

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, 88, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 88, 8) }
```

Border

The CSS property to change the border of an element to Yxy 10.0612, 0.4468, 0.4743 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, 88, 8) }
```

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

```
.border{ border-color:rgb(106, 88, 8) }
```

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

Here you see how a box with a 4 pixel rgb(106, 88, 8) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 88, 8); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 88, 8);  
box-shadow:4px 4px 4px 4px rgb(106, 88, 8)  
}
```


Background

The CSS property to change the background color of an element to Yxy 10.0612, 0.4468, 0.4743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 88, 8) }
```

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

```
.background{ background-color: rgb(106, 88,  
8) }
```

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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