

Converting Colors

$Y_{xy}(10.7076, 0.4504, 0.4806)$

Have a look what the booklet for
Yxy(10.7076, 0.4504, 0.4806)
contains.

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Color

Yxy(10.7334, 0.4501, 0.4808)

Conversions

Conversions Part 1

Format	Color
Hex	6D5B00
RGB	109, 91, 0
RGB Percent	43%, 36%, 0%
CMY	0.5725, 0.6431, 0.9999
CMYK	0.00, 0.17, 1.00, 0.57
HSL	50°, 100%, 21%
HSV	50°, 100%, 43%
XYZ	10.0481, 10.7334, 1.5426
YIQ	86.0080, 39.9390, -24.4850

Conversions

Conversions Part 2

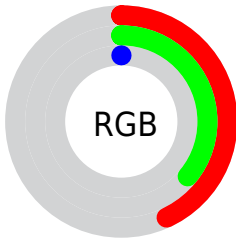
Format	Color
R_YB	22, 109, 0
Decimal	7166720
CIE Lab	39.13, -1.20, 46.65
CIE LCh	39, 46.669, 91.473
Yxy	10.7334, 0.4501, 0.4808
Android (android.graphics.Color)	4285356800 (0xFF6D5B00)
YUV	86.0080, -42.4019, 20.1640
Hunter-Lab	32.7619, -2.5874, 20.1416

Details

The Yxy color **10.7334, 0.4501, 0.4808** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **1.5375, 0.1557, 0.0804**, and the grayscale version is **9.3941, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.2377, 0.4221, 0.4495**, and **2.8238, 0.4521, 0.4792** is the 20% darker color. If you saturate the color by 10%, you get **10.7333, 0.4501, 0.4808**, and if you desaturate by 10%, it is **11.0694, 0.4416, 0.4762**.

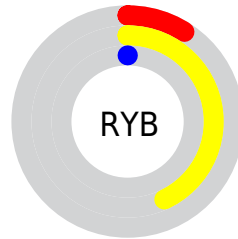
Distribution



Red (43%)

Green (36%)

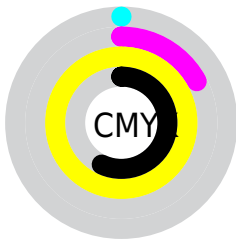
Blue (0%)



Red (9%)

Yellow (43%)

Blue (0%)

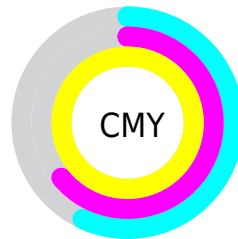


Cyan (0%)

Magenta (17%)

Yellow (100%)

Black (57%)



Cyan (57%)


Magenta (64%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.7334, 0.4501, 0.4808 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 10.7334, 0.4501, 0.4808 by changing the saturation by 10% instead.


 10.7334, 0.4501,
0.4808


 10.7334, 0.4501,
0.4808


 195.8293, 0.3733,
0.3951


 5.8879, 0.4723,
0.5062

 27.1661, 0.4224,
0.4494

 2.7770, 0.4813,
0.5187


 39.5221, 0.4116,
0.4373


 1.0165, 0.4790,
0.5210

 55.1503, 0.4024,
0.4272

 0.0000, 0.0000,
0.0000

 74.4352, 0.3947,
0.4186

 97.7612, 0.3882,
0.4114


 125.5125, 0.3825,

0.4051


 158.0738, 0.3776,
0.3997


 10.7334, 0.4501,
0.4808


 10.7334, 0.4501,
0.4808


 10.7333, 0.4501,
0.4808

 11.0694, 0.4416,
0.4762

 11.4216, 0.4319,
0.4695

 11.7991, 0.4198,
0.4587

 12.2038, 0.4057,
0.4444

 12.6376, 0.3904,
0.4274

■ 13.1021, 0.3744,
0.4086

■ 13.5987, 0.3582,
0.3886

■ 14.1288, 0.3423,
0.3683

■ 14.6936, 0.3270,
0.3483

Harmonies

Analogous

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



10.7334, 0.5089, 0.4092



10.7334, 0.4501, 0.4808



10.7334, 0.3614, 0.5261

Triad

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



10.7334, 0.4501, 0.4808



10.7334, 0.1479, 0.2697



10.7334, 0.3345, 0.2183

Complementary

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



10.7334, 0.4501, 0.4808



1.5375, 0.1557, 0.0804

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.



10.7334, 0.2366, 0.1858



10.7334, 0.4501, 0.4808



10.7334, 0.1443, 0.2041

Square

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



10.7334, 0.4501, 0.4808



10.7334, 0.1880, 0.3811



10.7334, 0.1731, 0.1794



10.7334, 0.4428, 0.2721

Rectangle

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



10.7334, 0.4501, 0.4808



10.7334, 0.2970, 0.5154



10.7334, 0.1731, 0.1794



10.7334, 0.2988, 0.2048

Sweetspot

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



10.7339, 0.4501, 0.4808



24.2719, 0.3595, 0.3903



3.2960, 0.6059, 0.3112



5.5824, 0.3646, 0.3966



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.



10.7339, 0.4501, 0.4808



19.0667, 0.4511, 0.4800



12.3415, 0.3643, 0.5489



3.5027, 0.3255, 0.3463



12.5243, 0.4504, 0.4806



62.7376, 0.4525, 0.4789

Inverse Universe

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



1.5375, 0.1557, 0.0804



2.6134, 0.1547, 0.0768



1.4859, 0.1790, 0.0760



3.0985, 0.2997, 0.3111



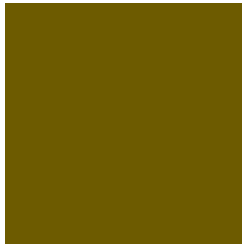
1.7699, 0.1554, 0.0793



8.1272, 0.1535, 0.0724

Previews

White Background



This preview shows how the Yxy color 10.7334, 0.4501, 0.4808 looks on a white background.

Color Contrast Check

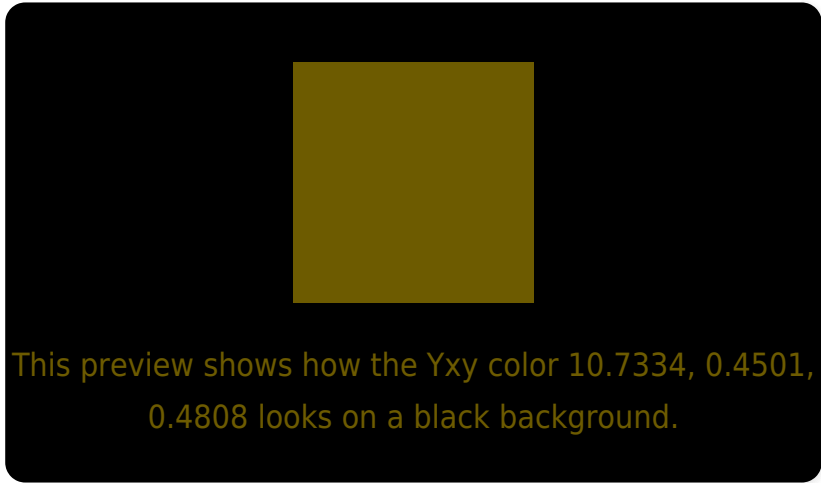
Large Text (above 18pt) WCAG AA ✓ Pass

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

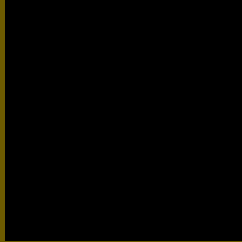
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.7334, 0.4501, 0.4808

Background



This preview shows how black text looks on a background with the Yxy color 10.7334, 0.4501, 0.4808.

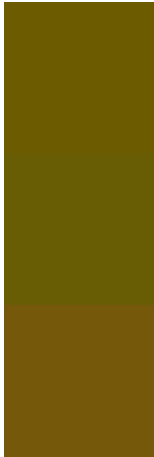


This preview shows how white text looks on a background with the Yxy color 10.7334, 0.4501, 0.4808.

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

10.7334, 0.4501, 0.4808

Protanopia

10.7805, 0.4362, 0.4875

Deuteranopia

10.7833, 0.4638, 0.4597



Tritanopia

10.8297, 0.3525, 0.3161

Trichromacy



Original Color

10.7334, 0.4501, 0.4808

Protanomaly

10.7250, 0.4418, 0.4841

Deuteranomaly

10.7353, 0.4591, 0.4674

Tritanomaly

10.5666, 0.4036, 0.3929

Monochromacy



Original Color

10.7334, 0.4501, 0.4808

Achromatopsia

9.3059, 0.3127, 0.3290

Achromatomaly

9.6350, 0.3752, 0.4110

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.7334, 0.4501, 0.4808 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(109, 91, 0)` looks like.

```
.text, #text, p{  
    color:rgb(109, 91, 0)  
}
```

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(109, 91, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 91, 0) }
```

Border

The CSS property to change the border of an element to Yxy 10.7334, 0.4501, 0.4808 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(109, 91, 0) }
```

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

```
.border{ border-color:rgb(109, 91, 0) }
```

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

Here you see how a box with a 4 pixel rgb(109, 91, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 91, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 91, 0);  
box-shadow:4px 4px 4px 4px rgb(109, 91, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 10.7334, 0.4501, 0.4808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 91, 0) }
```

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

```
.background{ background-color: rgb(109, 91,  
0) }
```

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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