

Converting Colors

$Y_{xy}(15.4159, 0.4319, 0.4953)$

Have a look what the booklet for
Yxy(15.4159, 0.4319, 0.4953)
contains.

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Color

Yxy(15.3619, 0.4325, 0.4948)

Conversions

Conversions Part 1

Format	Color
Hex	786F00
RGB	120, 111, 0
RGB Percent	47%, 44%, 0%
CMY	0.5295, 0.5647, 1.0000
CMYK	0.00, 0.07, 1.00, 0.53
HSL	56°, 100%, 24%
HSV	56°, 100%, 47%
XYZ	13.4277, 15.3619, 2.2571
YIQ	101.0370, 40.9950, -32.6130

Conversions

Conversions Part 2

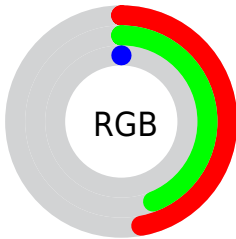
Format	Color
R_{YB}	10, 120, 0
Decimal	7892736
CIE Lab	46.13, -7.37, 52.17
CIE LCh	46, 52.692, 98.045
Yxy	15.3619, 0.4325, 0.4948
Android (android.graphics.Color)	4286082816 (0xFF786F00)
YUV	101.0370, -49.8112, 16.6306
Hunter-Lab	39.1943, -7.4370, 24.0216

Details

The Yxy color **15.3619, 0.4325, 0.4948** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **1.5501, 0.1521, 0.0677**, and the grayscale version is **13.1469, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.4186, 0.4125, 0.4610**, and **4.8601, 0.4264, 0.4996** is the 20% darker color. If you saturate the color by 10%, you get **15.3626, 0.4325, 0.4948**, and if you desaturate by 10%, it is **15.5858, 0.4272, 0.4898**.

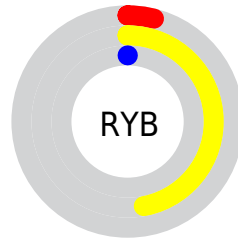
Distribution



Red (47%)

Green (44%)

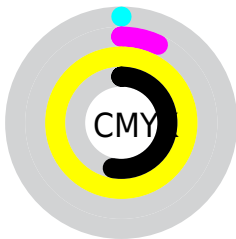
Blue (0%)



Red (4%)

Yellow (47%)

Blue (0%)

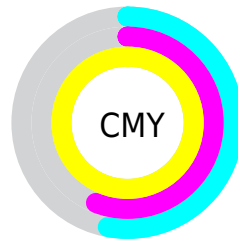


Cyan (0%)

Magenta (7%)

Yellow (100%)

Black (53%)



Cyan (53%)

Magenta (56%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 15.3619, 0.4325, 0.4948 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 15.3619, 0.4325, 0.4948 by changing the saturation by 10% instead.

15.3619, 0.4325,
0.4948

15.3619, 0.4325,
0.4948

225.5464, 0.3707,
0.4035

9.0738, 0.4438,
0.5160

35.4868, 0.4119,
0.4616

4.7893, 0.4563,
0.5437

50.0924, 0.4032,
0.4488

2.1242, 0.4465,
0.5535

68.2392, 0.3958,
0.4380

0.6782, 0.4065,
0.5935

90.3118, 0.3893,
0.4289


0.0000, 0.0000,
0.0000


116.6943, 0.3837,
0.4211


147.7714, 0.3788,

0.4144


 183.9272, 0.3745,
0.4086


 15.3619, 0.4325,
0.4948


 15.3619, 0.4325,
0.4948


 15.3626, 0.4325,
0.4948

 15.5858, 0.4272,
0.4898

 15.8239, 0.4204,
0.4824

 16.0859, 0.4111,
0.4709

 16.3745, 0.3996,
0.4557

 16.6918, 0.3864,
0.4375

■ 17.0400, 0.3721,
0.4171

■ 17.4207, 0.3570,
0.3953

■ 17.8356, 0.3419,
0.3729

■ 18.2863, 0.3270,
0.3506

Harmonies

Analogous

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



15.3619, 0.5002, 0.4253



15.3619, 0.4325, 0.4948



15.3619, 0.3403, 0.5276

Triad

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



15.3619, 0.4325, 0.4948



15.3619, 0.1440, 0.2511



15.3619, 0.3589, 0.2284

Complementary

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



15.3619, 0.4325, 0.4948



1.5501, 0.1521, 0.0677

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.



15.3619, 0.2553, 0.1906



15.3619, 0.4325, 0.4948



15.3619, 0.1477, 0.1954

Square

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



15.3619, 0.4325, 0.4948



15.3619, 0.1756, 0.3539



15.3619, 0.1837, 0.1782



15.3619, 0.4632, 0.2857

Rectangle

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



15.3619, 0.4325, 0.4948



15.3619, 0.2761, 0.5025



15.3619, 0.1837, 0.1782



15.3619, 0.3220, 0.2132

Sweetspot

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



15.3626, 0.4325, 0.4948



30.6017, 0.3582, 0.3969



4.0133, 0.6257, 0.3221



7.1969, 0.3633, 0.4044



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.



15.3626, 0.4325, 0.4948



26.9474, 0.4328, 0.4945



14.7288, 0.3510, 0.5595



4.5851, 0.3257, 0.3486



16.7580, 0.4325, 0.4948



79.3895, 0.4333, 0.4942

Inverse Universe

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



1.5501, 0.1521, 0.0677



2.6390, 0.1516, 0.0657



2.0333, 0.1909, 0.0825



3.9373, 0.2994, 0.3086



1.6821, 0.1520, 0.0673



7.5180, 0.1510, 0.0635

Previews

White Background



This preview shows how the Yxy color 15.3619, 0.4325, 0.4948 looks on a white background.

Color Contrast Check

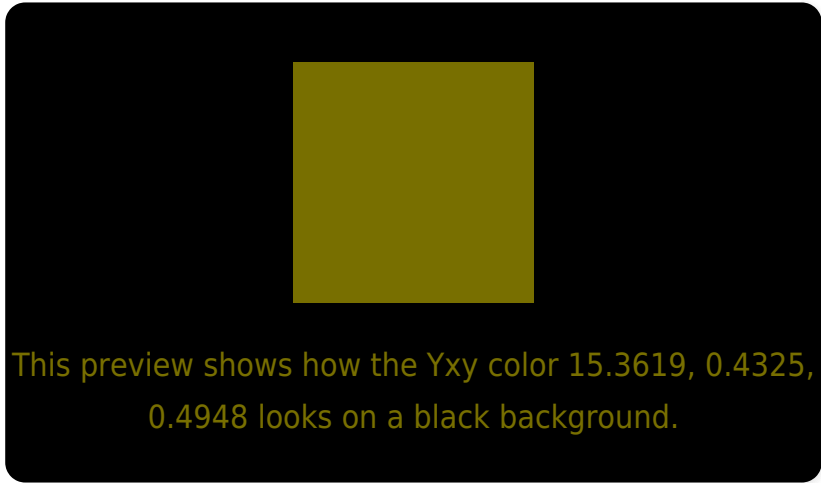
Large Text (above 18pt) WCAG AA ✓ Pass

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

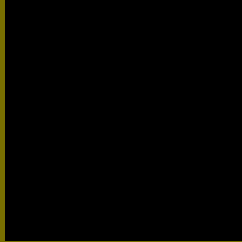
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.3619, 0.4325, 0.4948

Background



This preview shows how black text looks on a background with the Yxy color 15.3619, 0.4325, 0.4948.



This preview shows how white text looks on a background with the Yxy color 15.3619, 0.4325, 0.4948.

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

15.3619, 0.4325, 0.4948

Protanopia

15.4369, 0.4399, 0.4889

Deuteranopia

15.3384, 0.4639, 0.4585



Tritanopia

15.3602, 0.3364, 0.3137

Trichromacy



Original Color

15.3619, 0.4325, 0.4948

Protanomaly

15.3628, 0.4384, 0.4901

Deuteranomaly

15.3626, 0.4513, 0.4725

Tritanomaly

15.0481, 0.3869, 0.3986

Monochromacy



Original Color

15.3619, 0.4325, 0.4948

Achromatopsia

13.0136, 0.3127, 0.3290

Achromatomaly

13.6615, 0.3723, 0.4182

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.3619, 0.4325, 0.4948 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(120, 111, 0)` looks like.

```
.text, #text, p{  
    color:rgb(120, 111, 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(120, 111, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 111, 0) }
```

Border

The CSS property to change the border of an element to Yxy 15.3619, 0.4325, 0.4948 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(120, 111, 0) }
```

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

```
.border{ border-color:rgb(120, 111, 0) }
```

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

Here you see how a box with a 4 pixel rgb(120, 111, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 111, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 111, 0);  
box-shadow:4px 4px 4px 4px rgb(120, 111,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 15.3619, 0.4325, 0.4948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 111, 0) }
```

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

```
.background{ background-color: rgb(120,  
111, 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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