

Converting Colors

$Y_{xy}(14.0484, 0.4242, 0.4671)$

Have a look what the booklet for
Yxy(14.0484, 0.4242, 0.4671)
contains.

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Color

Yxy(14.0484, 0.4242, 0.4671)

Conversions

Conversions Part 1

Format	Color
Hex	76691E
RGB	118, 105, 30
RGB Percent	46%, 41%, 12%
CMY	0.5372, 0.5882, 0.8822
CMYK	0.00, 0.11, 0.75, 0.54
HSL	51°, 59%, 29%
HSV	51°, 75%, 46%
XYZ	12.7581, 14.0484, 3.2692
YIQ	100.3370, 31.8230, -20.5690

Conversions

Conversions Part 2

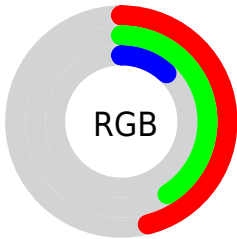
Format	Color
R_{YB}	45, 118, 30
Decimal	7760158
CIE _{Lab}	44.30, -3.92, 41.81
CIE _{LCh}	44, 41.990, 95.351
Yxy	14.0484, 0.4242, 0.4671
Android (android.graphics.Color)	4285950238 (0xFF76691E)
YUV	100.3370, -34.6761, 15.4905
Hunter-Lab	37.4812, -4.8328, 21.0654

Details

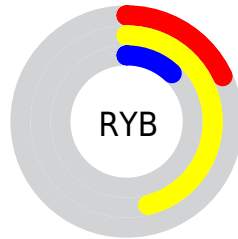
The Yxy color **14.0484, 0.4242, 0.4671** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **3.3150, 0.1831, 0.1299**, and the grayscale version is **12.9202, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.2257, 0.4020, 0.4374**, and **4.2194, 0.4420, 0.4872** is the 20% darker color. If you saturate the color by 10%, you get **13.6478, 0.4346, 0.4761**, and if you desaturate by 10%, it is **14.4802, 0.4115, 0.4543**.

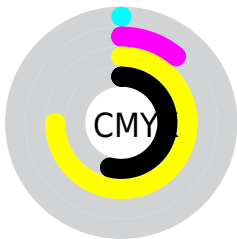
Distribution



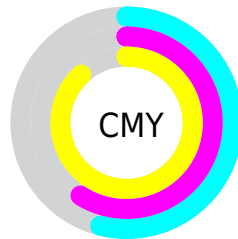
- Red (46%)
- Green (41%)
- Blue (12%)



- Red (18%)
- Yellow (46%)
- Blue (12%)



- Cyan (0%)
- Magenta (11%)
- Yellow (75%)
- Black (54%)





- Cyan (54%)
- Magenta (59%)
- Yellow (88%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.0484, 0.4242, 0.4671 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 14.0484, 0.4242, 0.4671 by changing the saturation by 10% instead.


 14.0484, 0.4242,
0.4671


 14.0484, 0.4242,
0.4671


 217.5317, 0.3624,
0.3883


 8.1543, 0.4387,
0.4875


 33.1749, 0.4013,
0.4369

 4.1939, 0.4698,
0.5293

 47.1761, 0.3927,
0.4259

 1.7826, 0.4645,
0.5355

 64.6485, 0.3854,
0.4167

 0.4763, 0.4285,
0.5715

 85.9764, 0.3793,
0.4091


 0.0000, 0.0000,
0.0000


 111.5443, 0.3741,
0.4027

 141.7366, 0.3697,


0.3972

 176.9376, 0.3658,
0.3924


 14.0484, 0.4242,
0.4671


 14.0484, 0.4242,
0.4671

 13.6478, 0.4346,
0.4761


 14.4802, 0.4115,
0.4543

 13.2729, 0.4426,
0.4811

 14.9436, 0.3971,
0.4382

 13.0742, 0.4468,
0.4834

 15.4411, 0.3816,
0.4197

 15.9748, 0.3656,
0.3997

 16.5462, 0.3496,
0.3790

■ 17.1569, 0.3340,
0.3582

■ 17.8083, 0.3192,
0.3380

■ 18.5019, 0.3053,
0.3186

■ 19.2388, 0.2924,
0.3002

Harmonies

Analogous

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



14.0484, 0.4753, 0.4112



14.0484, 0.4242, 0.4671



14.0484, 0.3477, 0.4911

Triad

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



14.0484, 0.4242, 0.4671



14.0484, 0.1697, 0.2727



14.0484, 0.3437, 0.2398

Complementary

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



14.0484, 0.4242, 0.4671



3.3150, 0.1831, 0.1299

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.



14.0484, 0.2588, 0.2083



14.0484, 0.4242, 0.4671



14.0484, 0.1693, 0.2196

Square

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



14.0484, 0.4242, 0.4671



14.0484, 0.2022, 0.3599



14.0484, 0.1990, 0.2002



14.0484, 0.4301, 0.2893

Rectangle

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



14.0484, 0.4242, 0.4671



14.0484, 0.2926, 0.4723



14.0484, 0.1990, 0.2002



14.0484, 0.3136, 0.2269

Sweetspot

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



14.0491, 0.4242, 0.4671



29.2996, 0.3464, 0.3748



4.9581, 0.5185, 0.3068



6.6875, 0.3497, 0.3791



60.3827, 0.3127, 0.3290



7.3239, 0.3127, 0.3290

Same Dimension

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



14.0491, 0.4242, 0.4671



23.5511, 0.4402, 0.4798



15.0891, 0.3636, 0.5144



4.1785, 0.3257, 0.3470



14.1287, 0.4469, 0.4833



67.8704, 0.4486, 0.4820

Inverse Universe

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



3.3150, 0.1831, 0.1299



3.7383, 0.1624, 0.0914



3.2246, 0.2145, 0.1224



3.6693, 0.2995, 0.3104



1.8508, 0.1545, 0.0761



8.2157, 0.1528, 0.0701

Previews

White Background



This preview shows how the Yxy color 14.0484, 0.4242, 0.4671 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 14.0484, 0.4242, 0.4671 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

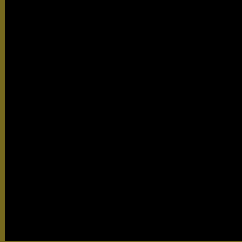
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.0484, 0.4242, 0.4671

Background



This preview shows how black text looks on a background with the Yxy color 14.0484, 0.4242, 0.4671.



This preview shows how white text looks on a background with the Yxy color 14.0484, 0.4242, 0.4671.

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

14.0484, 0.4242, 0.4671

Protanopia

14.0484, 0.4242, 0.4671

Deuteranopia

14.0439, 0.4494, 0.4451



Tritanopia

14.0611, 0.3404, 0.3133

Trichromacy



Original Color

14.0484, 0.4242, 0.4671

Protanomaly

14.0484, 0.4242, 0.4671

Deuteranomaly

14.0373, 0.4398, 0.4539

Tritanomaly

13.9950, 0.3776, 0.3760

Monochromacy



Original Color

14.0484, 0.4242, 0.4671

Achromatopsia

12.7438, 0.3127, 0.3290

Achromatomaly

13.1365, 0.3578, 0.3889

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.0484, 0.4242, 0.4671 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(118, 105, 30)` looks like.

```
.text, #text, p{  
    color:rgb(118, 105, 30)  
}
```

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(118, 105, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 105, 30) }
```

Border

The CSS property to change the border of an element to Yxy 14.0484, 0.4242, 0.4671 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(118, 105, 30) }
```

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

```
.border{ border-color:rgb(118, 105, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 105, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 105, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 105, 30);  
box-shadow:4px 4px 4px 4px rgb(118, 105,  
30) }
```


Background

The CSS property to change the background color of an element to Yxy 14.0484, 0.4242, 0.4671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 105, 30) }
```

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

```
.background{ background-color: rgb(118,  
105, 30) }
```

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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