

Converting Colors

$Y_{xy}(13.8395, 0.4513, 0.5487)$

Have a look what the booklet for
Yxy(13.8395, 0.4513, 0.5487)
contains.

Yxy(14.0401, 0.4224, 0.5028)	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(14.0401, 0.4224, 0.5028)

Conversions

Conversions Part 1

Format	Color
Hex	6E6C00
RGB	110, 108, 0
RGB Percent	43%, 42%, 0%
CMY	0.5685, 0.5765, 0.9999
CMYK	0.00, 0.02, 1.00, 0.57
HSL	59°, 100%, 22%
HSV	59°, 100%, 43%
XYZ	11.7950, 14.0401, 2.0887
YIQ	96.2860, 35.8600, -33.1640

Conversions

Conversions Part 2

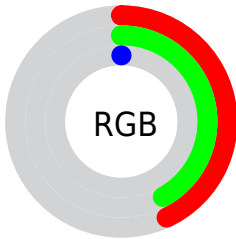
Format	Color
RYB	2, 110, 0
Decimal	7236608
CIELab	44.29, -10.48, 50.41
CIELCh	44, 51.487, 101.740
Yxy	14.0401, 0.4224, 0.5028
Android (android.graphics.Color)	4285426688 (0xFF6E6C00)
YUV	96.2860, -47.4690, 12.0272
Hunter-Lab	37.4701, -9.3836, 22.9241

Details

The Yxy color **14.0401, 0.4224, 0.5028** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **1.1707, 0.1506, 0.0621**, and the grayscale version is **11.8832, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.1325, 0.4040, 0.4654**, and **4.2370, 0.4119, 0.5112** is the 20% darker color. If you saturate the color by 10%, you get **14.0406, 0.4224, 0.5028**, and if you desaturate by 10%, it is **14.1077, 0.4182, 0.4968**.

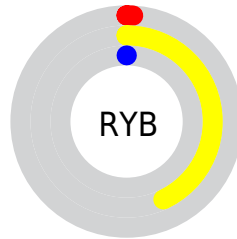
Distribution



Red (43%)

Green (42%)

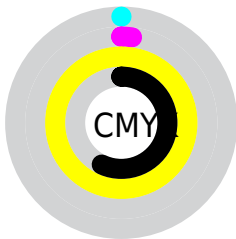
Blue (0%)



Red (1%)

Yellow (43%)

Blue (0%)

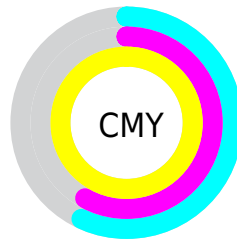


Cyan (0%)

Magenta (2%)

Yellow (100%)

Black (57%)



Cyan (57%)


Magenta (58%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.0401, 0.4224, 0.5028 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 14.0401, 0.4224, 0.5028 by changing the saturation by 10% instead.


 14.0401, 0.4224,
0.5028


 14.0401, 0.4224,
0.5028


 217.4801, 0.3658,
0.4042


 8.1486, 0.4325,
0.5280


 33.1602, 0.4038,
0.4658


 4.1902, 0.4409,
0.5591

 47.1575, 0.3958,
0.4520


 1.7805, 0.4251,
0.5749

 64.6255, 0.3890,
0.4405

 0.4750, 0.2918,
0.7082


 85.9486, 0.3830,
0.4308


 0.0000, 0.0000,
0.0000


 111.5113, 0.3778,
0.4226


 141.6978, 0.3733,


0.4156

 176.8926, 0.3693,
0.4095


 14.0401, 0.4224,
0.5028

 14.0401, 0.4224,
0.5028


 14.0406, 0.4224,
0.5028

 14.1077, 0.4182,
0.4968

 14.1844, 0.4127,
0.4885

 14.2793, 0.4049,
0.4764

 14.3945, 0.3948,
0.4607

 14.5317, 0.3830,
0.4419

■ 14.6926, 0.3697,
0.4208

■ 14.8785, 0.3556,
0.3982

■ 15.0908, 0.3411,
0.3749

■ 15.3308, 0.3267,
0.3517

Harmonies

Analogous

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



14.0401, 0.4950, 0.4347



14.0401, 0.4224, 0.5028



14.0401, 0.3282, 0.5278

Triad

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



14.0401, 0.4224, 0.5028



14.0401, 0.1418, 0.2411



14.0401, 0.3731, 0.2340

Complementary

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



14.0401, 0.4224, 0.5028



1.1707, 0.1506, 0.0621

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.



14.0401, 0.2663, 0.1932



14.0401, 0.4224, 0.5028



14.0401, 0.1495, 0.1906

Square

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



14.0401, 0.4224, 0.5028



14.0401, 0.1687, 0.3390



14.0401, 0.1899, 0.1774



14.0401, 0.4745, 0.2933

Rectangle

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



14.0401, 0.4224, 0.5028



14.0401, 0.2643, 0.4943



14.0401, 0.1899, 0.1774



14.0401, 0.3356, 0.2179

Sweetspot

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



14.0408, 0.4224, 0.5028



26.0905, 0.3568, 0.4001



3.3248, 0.6336, 0.3264



6.0468, 0.3612, 0.4072



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.



14.0408, 0.4224, 0.5028



24.6281, 0.4225, 0.5027



12.0768, 0.3443, 0.5648



3.9062, 0.3253, 0.3494



16.8555, 0.4224, 0.5028



83.8174, 0.4226, 0.5026

Inverse Universe

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



1.1707, 0.1506, 0.0621



2.0342, 0.1504, 0.0616



1.8397, 0.2006, 0.0879



3.3094, 0.2996, 0.3077



1.4003, 0.1505, 0.0619



6.8359, 0.1502, 0.0608

Previews

White Background



This preview shows how the Yxy color 14.0401, 0.4224, 0.5028 looks on a white background.

Color Contrast Check

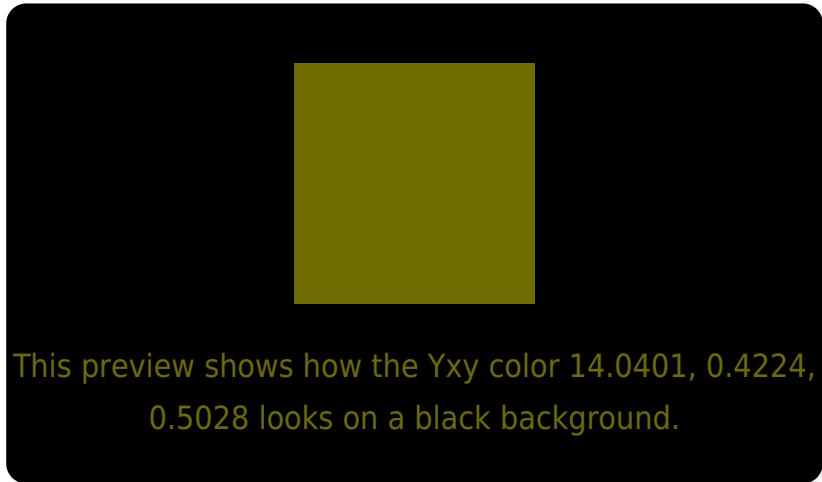
Large Text (above 18pt) WCAG AA ✓ Pass

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

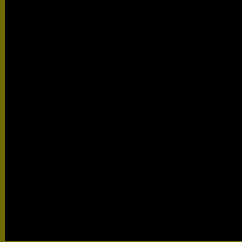
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.0401, 0.4224, 0.5028

Background



This preview shows how black text looks on a background with the Yxy color 14.0401, 0.4224, 0.5028.



This preview shows how white text looks on a background with the Yxy color 14.0401, 0.4224, 0.5028.

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

14.0401, 0.4224, 0.5028

Protanopia

13.9547, 0.4392, 0.4894

Deuteranopia

13.8666, 0.4634, 0.4567



Tritanopia

13.9790, 0.3267, 0.3128

Trichromacy



Original Color

14.0401, 0.4224, 0.5028

Protanomaly

13.9529, 0.4331, 0.4943

Deuteranomaly

13.8097, 0.4494, 0.4731

Tritanomaly

13.7076, 0.3765, 0.4012

Monochromacy



Original Color

14.0401, 0.4224, 0.5028

Achromatopsia

11.6971, 0.3127, 0.3290

Achromatomaly

12.2180, 0.3688, 0.4186

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.0401, 0.4224, 0.5028 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(110, 108, 0)` looks like.

```
.text, #text, p{  
    color:rgb(110, 108, 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(110, 108, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 108, 0) }
```

Border

The CSS property to change the border of an element to Yxy 14.0401, 0.4224, 0.5028 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(110, 108, 0) }
```

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

```
.border{ border-color:rgb(110, 108, 0) }
```

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

Here you see how a box with a 4 pixel rgb(110, 108, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 108, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 108, 0);  
box-shadow:4px 4px 4px 4px rgb(110, 108,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 14.0401, 0.4224, 0.5028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 108, 0) }
```

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

```
.background{ background-color: rgb(110,  
108, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor