

Converting Colors

$Y_{xy}(14.5194, 0.4240, 0.5015)$

Have a look what the booklet for
Yxy(14.5194, 0.4240, 0.5015)
contains.

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Color

Yxy(14.4480, 0.4253, 0.5005)

Conversions

Conversions Part 1

Format	Color
Hex	716D00
RGB	113, 109, 0
RGB Percent	44%, 43%, 0%
CMY	0.5569, 0.5725, 0.9999
CMYK	0.00, 0.04, 1.00, 0.56
HSL	58°, 100%, 22%
HSV	58°, 100%, 44%
XYZ	12.2772, 14.4480, 2.1419
YIQ	97.7700, 37.3730, -33.0510

Conversions

Conversions Part 2

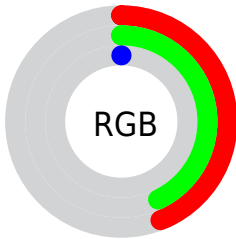
Format	Color
R_{YB}	4, 113, 0
Decimal	7433472
CIE Lab	44.87, -9.62, 50.96
CIE LCh	45, 51.855, 100.686
Yxy	14.4480, 0.4253, 0.5005
Android (android.graphics.Color)	4285623552 (0xFF716D00)
YUV	97.7700, -48.2006, 13.3567
Hunter-Lab	38.0105, -8.8639, 23.2663

Details

The Yxy color **14.4480, 0.4253, 0.5005** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **1.2786, 0.1511, 0.0639**, and the grayscale version is **12.2693, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.8034, 0.4064, 0.4647**, and **4.4373, 0.4169, 0.5072** is the 20% darker color. If you saturate the color by 10%, you get **14.4485, 0.4253, 0.5005**, and if you desaturate by 10%, it is **14.5586, 0.4208, 0.4948**.

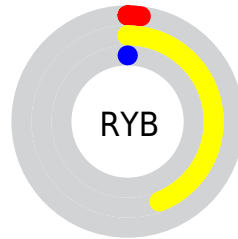
Distribution



Red (44%)

Green (43%)

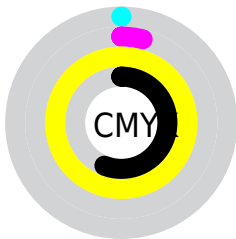
Blue (0%)



Red (2%)

Yellow (44%)

Blue (0%)

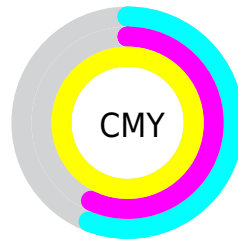


Cyan (0%)

Magenta (4%)

Yellow (100%)

Black (56%)



Cyan (56%)


Magenta (57%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 14.4480, 0.4253, 0.5005 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 14.4480, 0.4253, 0.5005 by changing the saturation by 10% instead.


 14.4480, 0.4253,
0.5005


 14.4480, 0.4253,
0.5005


 220.0003, 0.3672,
0.4040


 8.4329, 0.4357,
0.5244


 33.8819, 0.4061,
0.4647


 4.3732, 0.4454,
0.5546

 48.0694, 0.3980,
0.4511


 1.8844, 0.4315,
0.5685

 65.7499, 0.3909,
0.4398

 0.5390, 0.3399,
0.6601

 87.3077, 0.3848,
0.4303


 0.0000, 0.0000,
0.0000


 113.1273, 0.3795,
0.4222


 143.5930, 0.3749,


0.4153

 179.0892, 0.3708,
0.4093


 14.4480, 0.4253,
0.5005


 14.4480, 0.4253,
0.5005


 14.4485, 0.4253,
0.5005

 14.5586, 0.4208,
0.4948

 14.6794, 0.4149,
0.4868

 14.8199, 0.4067,
0.4748

 14.9821, 0.3962,
0.4593

 15.1681, 0.3840,
0.4406

■ 15.3796, 0.3704,
0.4197

■ 15.6180, 0.3560,
0.3973

■ 15.8847, 0.3414,
0.3743

■ 16.1812, 0.3268,
0.3513

Harmonies

Analogous

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



14.4480, 0.4965, 0.4320



14.4480, 0.4253, 0.5005



14.4480, 0.3317, 0.5278

Triad

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



14.4480, 0.4253, 0.5005



14.4480, 0.1424, 0.2439



14.4480, 0.3690, 0.2324

Complementary

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



14.4480, 0.4253, 0.5005



1.2786, 0.1511, 0.0639

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.



14.4480, 0.2631, 0.1925



14.4480, 0.4253, 0.5005



14.4480, 0.1490, 0.1920

Square

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



14.4480, 0.4253, 0.5005



14.4480, 0.1707, 0.3432



14.4480, 0.1881, 0.1777



14.4480, 0.4713, 0.2911

Rectangle

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



14.4480, 0.4253, 0.5005



14.4480, 0.2677, 0.4967



14.4480, 0.1881, 0.1777



14.4480, 0.3317, 0.2166

Sweetspot

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



14.4487, 0.4253, 0.5005



27.9389, 0.3572, 0.3992



3.5224, 0.6307, 0.3248



6.4286, 0.3619, 0.4065



58.7016, 0.3127, 0.3290



6.8385, 0.3127, 0.3290

Same Dimension

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



14.4487, 0.4253, 0.5005



25.8403, 0.4255, 0.5004



12.8355, 0.3465, 0.5631



3.8971, 0.3254, 0.3491



16.3886, 0.4253, 0.5005



81.3639, 0.4257, 0.5002

Inverse Universe

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



1.2786, 0.1511, 0.0639



2.2479, 0.1508, 0.0628



1.8922, 0.1973, 0.0861



3.3176, 0.2996, 0.3081



1.4440, 0.1510, 0.0636



6.9260, 0.1504, 0.0615

Previews

White Background



This preview shows how the Yxy color 14.4480, 0.4253, 0.5005 looks on a white background.

Color Contrast Check

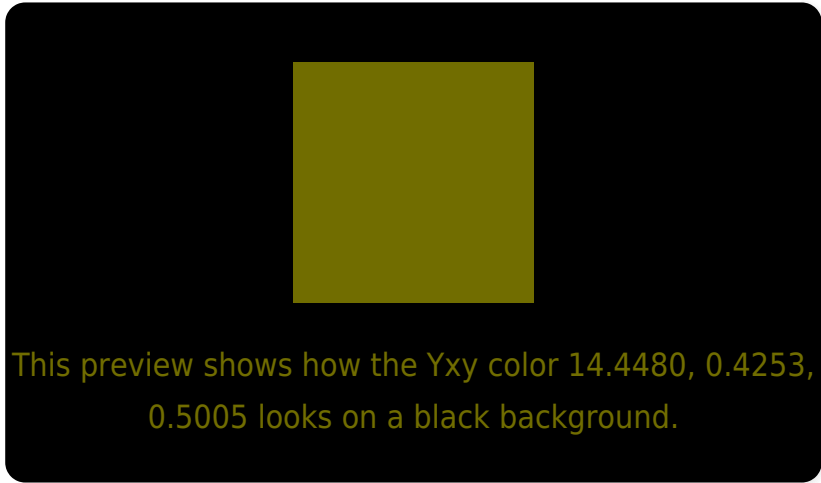
Large Text (above 18pt) WCAG AA ✓ Pass

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

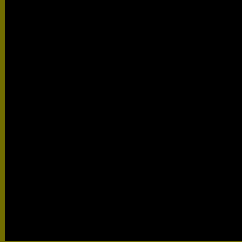
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.4480, 0.4253, 0.5005

Background



This preview shows how black text looks on a background with the Yxy color 14.4480, 0.4253, 0.5005.



This preview shows how white text looks on a background with the Yxy color 14.4480, 0.4253, 0.5005.

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

14.4480, 0.4253, 0.5005

Protanopia

14.5085, 0.4389, 0.4897

Deuteranopia

14.4131, 0.4629, 0.4576



Tritanopia

14.4046, 0.3295, 0.3130

Trichromacy



Original Color

14.4480, 0.4253, 0.5005

Protanomaly

14.5070, 0.4329, 0.4945

Deuteranomaly

14.3582, 0.4490, 0.4737

Tritanomaly

14.1122, 0.3804, 0.4018

Monochromacy



Original Color

14.4480, 0.4253, 0.5005

Achromatopsia

12.2139, 0.3127, 0.3290

Achromatomaly

12.7341, 0.3692, 0.4193

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.4480, 0.4253, 0.5005 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(113, 109, 0)` looks like.

```
.text, #text, p{  
    color:rgb(113, 109, 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(113, 109, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 109, 0) }
```

Border

The CSS property to change the border of an element to Yxy 14.4480, 0.4253, 0.5005 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(113, 109, 0) }
```

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

```
.border{ border-color:rgb(113, 109, 0) }
```

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

Here you see how a box with a 4 pixel rgb(113, 109, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 109, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 109, 0);  
box-shadow:4px 4px 4px 4px rgb(113, 109,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 14.4480, 0.4253, 0.5005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 109, 0) }
```

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

```
.background{ background-color: rgb(113,  
109, 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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