

Converting Colors

$Y_{xy}(14.4131, 0.4629, 0.4576)$

Have a look what the booklet for
Yxy(14.4131, 0.4629, 0.4576)
contains.

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Color

Yxy(14.4131, 0.4629, 0.4576)

Conversions

Conversions Part 1

Format	Color
Hex	866510
RGB	134, 101, 16
RGB Percent	53%, 40%, 6%
CMY	0.4745, 0.6039, 0.9372
CMYK	0.00, 0.25, 0.88, 0.47
HSL	43°, 79%, 29%
HSV	43°, 88%, 53%
XYZ	14.5800, 14.4131, 2.5040
YIQ	101.1770, 46.9530, -19.4390

Conversions

Conversions Part 2

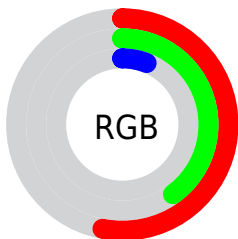
Format	Color
RYB	62, 134, 16
Decimal	8807696
CIELab	44.82, 5.50, 47.99
CIELCh	45, 48.301, 83.459
Yxy	14.4131, 0.4629, 0.4576
Android (android.graphics.Color)	4286997776 (0xFF866510)
YUV	101.1770, -41.9923, 28.7858
Hunter-Lab	37.9646, 2.1136, 22.6646

Details

The Yxy color **14.4131, 0.4629, 0.4576** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **4.0302, 0.1718, 0.1233**, and the grayscale version is **13.1645, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.9625, 0.4323, 0.4345**, and **4.4379, 0.4808, 0.4565** is the 20% darker color. If you saturate the color by 10%, you get **13.6706, 0.4749, 0.4590**, and if you desaturate by 10%, it is **15.2119, 0.4486, 0.4524**.

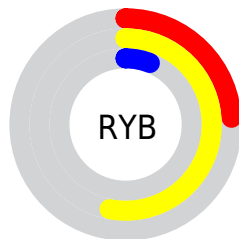
Distribution



Red (53%)

Green (40%)

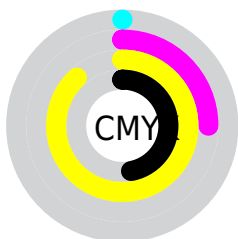
Blue (6%)



Red (24%)

Yellow (53%)

Blue (6%)

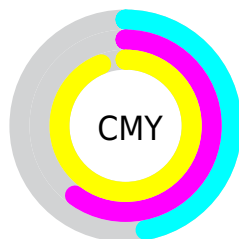


Cyan (0%)

Magenta (25%)

Yellow (88%)

Black (47%)



Cyan (47%)


Magenta (60%)


Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 14.4131, 0.4629, 0.4576 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 14.4131, 0.4629, 0.4576 by changing the saturation by 10% instead.


 14.4131, 0.4629,
0.4576


 14.4131, 0.4629,
0.4576


219.7858, 0.3800,
0.3898


 8.4085, 0.4820,
0.4708


 33.8202, 0.4326,
0.4342


 4.3575, 0.5104,
0.4896

 47.9916, 0.4210,
0.4247


 1.8755, 0.5177,
0.4823

 65.6540, 0.4112,
0.4166

 0.5336, 0.5459,
0.4541


 87.1919, 0.4030,
0.4097


 0.0000, 0.0000,
0.0000


 112.9896, 0.3960,
0.4037


 143.4316, 0.3899,


0.3984


 178.9022, 0.3846,
0.3939

 14.4131, 0.4629,
0.4576


 14.4131, 0.4629,
0.4576


 13.6706, 0.4749,
0.4590


 15.2119, 0.4486,
0.4524

 13.5301, 0.4773,
0.4592

 16.0725, 0.4320,
0.4428

 16.9995, 0.4139,
0.4297

 17.9962, 0.3950,
0.4140

 19.0655, 0.3762,
0.3967

■ 20.2100, 0.3580,
0.3786

■ 21.4324, 0.3407,
0.3605

■ 22.7350, 0.3247,
0.3427

■ 24.1200, 0.3100,
0.3258

Harmonies

Analogous

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



14.4131, 0.5052, 0.3890



14.4131, 0.4629, 0.4576



14.4131, 0.3847, 0.5087

Triad

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



14.4131, 0.4629, 0.4576



14.4131, 0.1628, 0.2985



14.4131, 0.3066, 0.2132

Complementary

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



14.4131, 0.4629, 0.4576



4.0302, 0.1718, 0.1233

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.



14.4131, 0.2214, 0.1883



14.4131, 0.4629, 0.4576



14.4131, 0.1500, 0.2237

Square

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



14.4131, 0.4629, 0.4576



14.4131, 0.2120, 0.4091



14.4131, 0.1694, 0.1900



14.4131, 0.4095, 0.2602

Rectangle

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



14.4131, 0.4629, 0.4576



14.4131, 0.3239, 0.5117



14.4131, 0.1694, 0.1900



14.4131, 0.2749, 0.2022

Sweetspot

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



14.4138, 0.4629, 0.4576



35.9123, 0.3553, 0.3759



5.6656, 0.5361, 0.2870



7.9543, 0.3605, 0.3812



67.3860, 0.3127, 0.3290



9.4630, 0.3127, 0.3290

Same Dimension

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



14.4138, 0.4629, 0.4576



23.5694, 0.4788, 0.4580



20.3065, 0.3830, 0.5235



5.2087, 0.3263, 0.3446



12.6962, 0.4771, 0.4594



0.0563, 0.4458, 0.4842

Inverse Universe

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



4.0302, 0.1718, 0.1233



5.1885, 0.1600, 0.0958



2.5758, 0.1764, 0.0837



4.7411, 0.2992, 0.3129



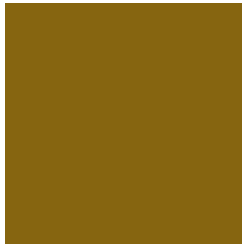
2.8981, 0.1611, 0.0999



0.0211, 0.1826, 0.1772

Previews

White Background



This preview shows how the Yxy color 14.4131, 0.4629, 0.4576 looks on a white background.

Color Contrast Check

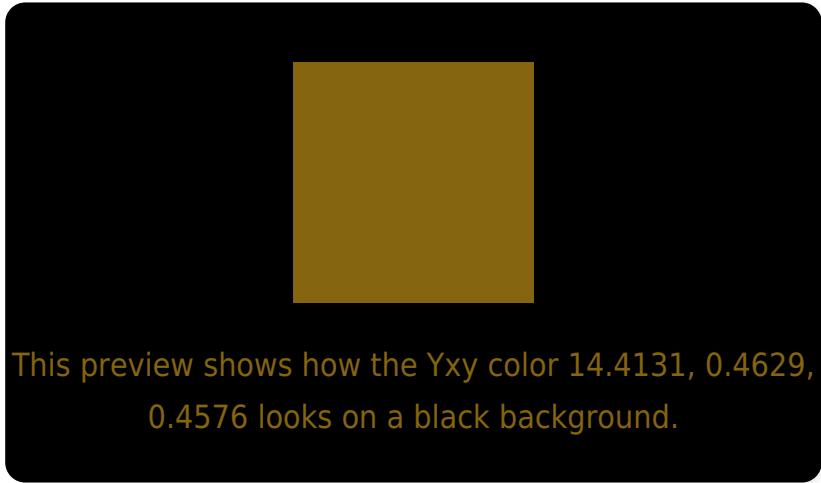
Large Text (above 18pt) WCAG AA ✓ Pass

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

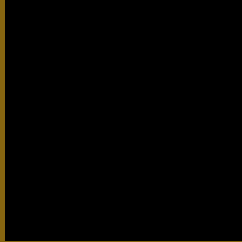
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.4131, 0.4629, 0.4576

Background



This preview shows how black text looks on a background with the Yxy color 14.4131, 0.4629, 0.4576.



This preview shows how white text looks on a background with the Yxy color 14.4131, 0.4629, 0.4576.

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

14.4131, 0.4629, 0.4576

Protanopia

14.5521, 0.4320, 0.4794

Deuteranopia

14.4131, 0.4629, 0.4576



Tritanopia

14.4340, 0.3725, 0.3163

Trichromacy



Original Color

14.4131, 0.4629, 0.4576

Protanomaly

14.5036, 0.4430, 0.4720

Deuteranomaly

14.4131, 0.4629, 0.4576

Tritanomaly

14.3100, 0.4160, 0.3792

Monochromacy



Original Color

14.4131, 0.4629, 0.4576

Achromatopsia

13.0136, 0.3127, 0.3290

Achromatomaly

13.2603, 0.3750, 0.3956

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.4131, 0.4629, 0.4576 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(134, 101, 16)` looks like.

```
.text, #text, p{  
    color:rgb(134, 101, 16)  
}
```

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(134, 101, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 101, 16) }
```

Border

The CSS property to change the border of an element to Yxy 14.4131, 0.4629, 0.4576 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(134, 101, 16) }
```

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

```
.border{ border-color:rgb(134, 101, 16) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 101, 16)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 101, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 101, 16);  
box-shadow:4px 4px 4px 4px rgb(134, 101,  
16) }
```


Background

The CSS property to change the background color of an element to Yxy 14.4131, 0.4629, 0.4576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 101, 16) }
```

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

```
.background{ background-color: rgb(134,  
101, 16) }
```

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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