

Converting Colors

$Y_{xy}(13.6161, 0.4913, 0.4481)$

Have a look what the booklet for
Yxy(13.6161, 0.4913, 0.4481)
contains.

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Color

Yxy(13.6681, 0.4913, 0.4481)

Conversions

Conversions Part 1

Format	Color
Hex	8D5E00
RGB	141, 94, 0
RGB Percent	55%, 37%, 0%
CMY	0.4471, 0.6313, 1.0000
CMYK	0.00, 0.33, 1.00, 0.45
HSL	40°, 100%, 28%
HSV	40°, 100%, 55%
XYZ	14.9858, 13.6681, 1.8484
YIQ	97.3370, 58.1860, -19.2700

Conversions

Conversions Part 2

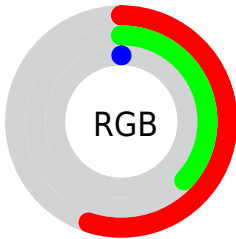
Format	Color
RYB	71, 141, 0
Decimal	9264640
CIELab	43.75, 12.56, 51.62
CIElCh	44, 53.127, 76.325
Yxy	13.6681, 0.4913, 0.4481
Android (android.graphics.Color)	4287454720 (0xFF8D5E00)
YUV	97.3370, -47.9871, 38.2925
Hunter-Lab	36.9704, 7.6561, 22.9149

Details

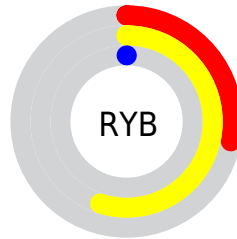
The Yxy color **13.6681, 0.4913, 0.4481** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **3.9547, 0.1644, 0.1116**, and the grayscale version is **12.1519, 0.3127, 0.3290**.

A 20% lighter version of the original color is **32.4044, 0.4557, 0.4303**, and **4.0452, 0.5123, 0.4314** is the 20% darker color. If you saturate the color by 10%, you get **13.6684, 0.4913, 0.4481**, and if you desaturate by 10%, it is **14.5621, 0.4772, 0.4484**.

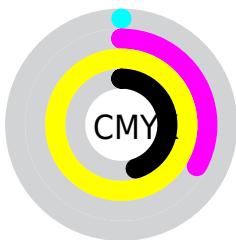
Distribution



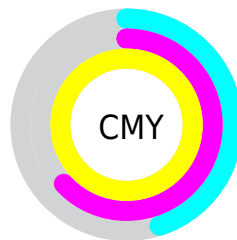
- Red (55%)
- Green (37%)
- Blue (0%)



- Red (28%)
- Yellow (55%)
- Blue (0%)



- Cyan (0%)
- Magenta (33%)
- Yellow (100%)
- Black (45%)




- Cyan (45%)
- Magenta (63%)
- Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 13.6681, 0.4913, 0.4481 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 13.6681, 0.4913, 0.4481 by changing the saturation by 10% instead.


 13.6681, 0.4913,
0.4481


 13.6681, 0.4913,
0.4481

 215.1562, 0.3927,
0.3899


 7.8902, 0.5158,
0.4575


 32.4990, 0.4555,
0.4303


 4.0248, 0.5403,
0.4597

 46.3207, 0.4417,
0.4222


 1.6874, 0.5571,
0.4429

 63.5925, 0.4301,
0.4150

 0.4155, 0.6280,
0.3720

 84.6987, 0.4202,
0.4087


 0.0000, 0.0000,
0.0000


 110.0238, 0.4118,
0.4031


 139.9522, 0.4045,


0.3982


 174.8682, 0.3982,
0.3938


 13.6681, 0.4913,
0.4481


 13.6681, 0.4913,
0.4481

 13.6684, 0.4913,
0.4481

 14.5621, 0.4772,
0.4484

 15.5279, 0.4612,
0.4453

 16.5781, 0.4428,
0.4375

 17.7173, 0.4229,
0.4260

 18.9497, 0.4024,
0.4117

■ 20.2790, 0.3822,
0.3956

■ 21.7088, 0.3628,
0.3787

■ 23.2422, 0.3446,
0.3616

■ 24.8822, 0.3279,
0.3449

Harmonies

Analogous

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



13.6681, 0.5277, 0.3723



13.6681, 0.4913, 0.4481



13.6681, 0.4106, 0.5168

Triad

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



13.6681, 0.4913, 0.4481



13.6681, 0.1569, 0.3200



13.6681, 0.2797, 0.1939

Complementary

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



13.6681, 0.4913, 0.4481



3.9547, 0.1644, 0.1116

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.



13.6681, 0.1953, 0.1735



13.6681, 0.4913, 0.4481



13.6681, 0.1357, 0.2264

Square

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



13.6681, 0.4913, 0.4481



13.6681, 0.2186, 0.4498



13.6681, 0.1487, 0.1818



13.6681, 0.3932, 0.2391

Rectangle

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



13.6681, 0.4913, 0.4481



13.6681, 0.3456, 0.5375



13.6681, 0.1487, 0.1818



13.6681, 0.2473, 0.1841

Sweetspot

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



13.6688, 0.4913, 0.4481



38.7123, 0.3640, 0.3798



5.8671, 0.5586, 0.2851



8.4315, 0.3710, 0.3861



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



13.6688, 0.4913, 0.4481



24.1633, 0.4932, 0.4466



22.8624, 0.3908, 0.5279



5.9867, 0.3266, 0.3436



12.4950, 0.4910, 0.4484



0.1601, 0.4523, 0.4791

Inverse Universe

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



3.9547, 0.1644, 0.1116



6.8008, 0.1633, 0.1080



2.1111, 0.1586, 0.0647



5.5304, 0.2990, 0.3139



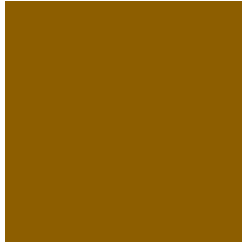
3.6330, 0.1645, 0.1123



0.0721, 0.1872, 0.1940

Previews

White Background



This preview shows how the Yxy color 13.6681, 0.4913, 0.4481 looks on a white background.

Color Contrast Check

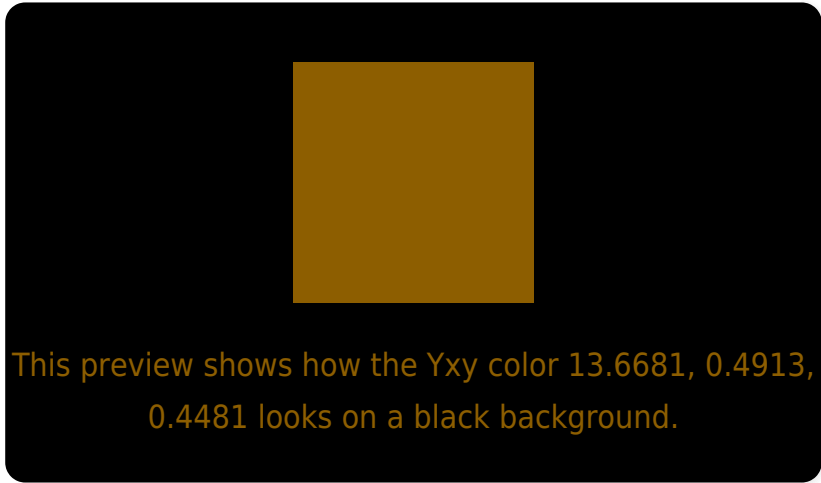
Large Text (above 18pt) WCAG AA ✓ Pass

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 13.6681, 0.4913, 0.4481

Background



This preview shows how black text looks on a background with the Yxy color 13.6681, 0.4913, 0.4481.



This preview shows how white text looks on a background with the Yxy color 13.6681, 0.4913, 0.4481.

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

13.6681, 0.4913, 0.4481

Protanopia

13.7023, 0.4360, 0.4843

Deuteranopia

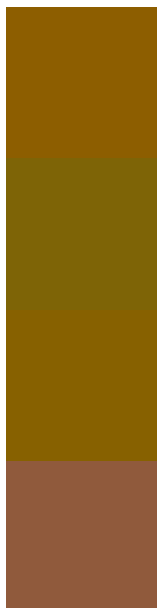
13.7490, 0.4686, 0.4661



Tritanopia

13.6443, 0.3971, 0.3168

Trichromacy



Original Color

13.6681, 0.4913, 0.4481

Protanomaly

13.5631, 0.4573, 0.4701

Deuteranomaly

13.7003, 0.4778, 0.4588

Tritanomaly

13.5679, 0.4488, 0.3812

Monochromacy



Original Color

13.6681, 0.4913, 0.4481

Achromatopsia

11.9538, 0.3127, 0.3290

Achromatomaly

12.2243, 0.3905, 0.4024

CSS Examples

Text

The CSS property to change the color of the text to Yxy 13.6681, 0.4913, 0.4481 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(141, 94, 0)` looks like.

```
.text, #text, p{  
    color:rgb(141, 94, 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(141, 94, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 94, 0) }
```

Border

The CSS property to change the border of an element to Yxy 13.6681, 0.4913, 0.4481 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(141, 94, 0) }
```

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

```
.border{ border-color:rgb(141, 94, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 94, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 94, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 94, 0);  
box-shadow:4px 4px 4px 4px rgb(141, 94, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 13.6681, 0.4913, 0.4481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 94, 0) }
```

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

```
.background{ background-color: rgb(141, 94,  
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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