

Converting Colors

$Y_{xy}(13.7180, 0.4306, 0.4955)$

Have a look what the booklet for
Yxy(13.7180, 0.4306, 0.4955)
contains.

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Color

Yxy(13.6161, 0.4313, 0.4949)

Conversions

Conversions Part 1

Format	Color
Hex	716901
RGB	113, 105, 1
RGB Percent	44%, 41%, 0%
CMY	0.5569, 0.5882, 0.9962
CMYK	0.00, 0.07, 0.99, 0.56
HSL	56°, 98%, 22%
HSV	56°, 99%, 44%
XYZ	11.8663, 13.6161, 2.0304
YIQ	95.5360, 38.1520, -30.6480

Conversions

Conversions Part 2

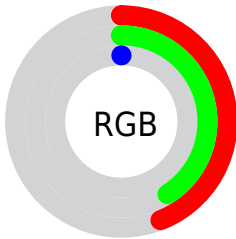
Format	Color
RYB	10, 113, 1
Decimal	7432449
CIELab	43.68, -7.33, 49.86
CIELCh	44, 50.392, 98.366
Yxy	13.6161, 0.4313, 0.4949
Android (android.graphics.Color)	4285622529 (0xFF716901)
YUV	95.5360, -46.6062, 15.3159
Hunter-Lab	36.9000, -7.1731, 22.5675

Details

The Yxy color **13.6161, 0.4313, 0.4949** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **1.3928, 0.1529, 0.0689**, and the grayscale version is **11.6864, 0.3127, 0.3290**.

A 20% lighter version of the original color is **32.4387, 0.4098, 0.4603**, and **4.0182, 0.4270, 0.4991** is the 20% darker color. If you saturate the color by 10%, you get **13.6005, 0.4318, 0.4954**, and if you desaturate by 10%, it is **13.8067, 0.4258, 0.4895**.

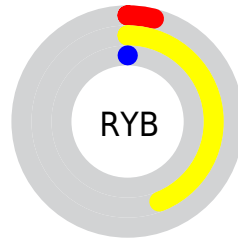
Distribution



Red (44%)

Green (41%)

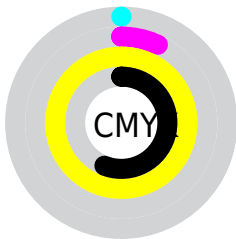
Blue (0%)



Red (4%)

Yellow (44%)

Blue (0%)

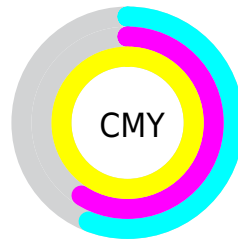


Cyan (0%)

Magenta (7%)

Yellow (99%)

Black (56%)



Cyan (56%)


Magenta (59%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 13.6161, 0.4313, 0.4949 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 13.6161, 0.4313, 0.4949 by changing the saturation by 10% instead.


 13.6161, 0.4313,
0.4949


 13.6161, 0.4313,
0.4949


 214.8293, 0.3688,
0.4016


 7.8541, 0.4438,
0.5183


 32.4063, 0.4101,
0.4603


 4.0018, 0.4546,
0.5454

 46.2033, 0.4013,
0.4472


 1.6745, 0.4433,
0.5567

 63.4475, 0.3938,
0.4363

 0.4071, 0.3381,
0.6619


 84.5232, 0.3873,
0.4270


 0.0000, 0.0000,
0.0000


 109.8148, 0.3817,
0.4192


 139.7068, 0.3768,

0.4125


 174.5835, 0.3726,
0.4067

 13.6161, 0.4313,
0.4949

 13.6161, 0.4313,
0.4949


 13.6005, 0.4318,
0.4954

 13.8067, 0.4258,
0.4895

 14.0101, 0.4188,
0.4814

 14.2345, 0.4094,
0.4695

 14.4821, 0.3978,
0.4539

 14.7548, 0.3846,
0.4355

■ 15.0542, 0.3703,
0.4150

■ 15.3819, 0.3554,
0.3931

■ 15.7393, 0.3404,
0.3708

■ 16.1276, 0.3257,
0.3487

Harmonies

Analogous

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



13.6161, 0.4991, 0.4260



13.6161, 0.4313, 0.4949



13.6161, 0.3393, 0.5267

Triad

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



13.6161, 0.4313, 0.4949



13.6161, 0.1444, 0.2506



13.6161, 0.3600, 0.2293

Complementary

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



13.6161, 0.4313, 0.4949



1.3928, 0.1529, 0.0689

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.



13.6161, 0.2565, 0.1913



13.6161, 0.4313, 0.4949



13.6161, 0.1484, 0.1955

Square

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



13.6161, 0.4313, 0.4949



13.6161, 0.1756, 0.3525



13.6161, 0.1848, 0.1787



13.6161, 0.4634, 0.2866

Rectangle

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



13.6161, 0.4313, 0.4949



13.6161, 0.2754, 0.5008



13.6161, 0.1848, 0.1787



13.6161, 0.3232, 0.2141

Sweetspot

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



13.6167, 0.4313, 0.4949



27.4470, 0.3579, 0.3968



3.5538, 0.6223, 0.3216



6.3032, 0.3627, 0.4039



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.



13.6167, 0.4313, 0.4949



24.2793, 0.4321, 0.4951



12.9799, 0.3516, 0.5580



3.8775, 0.3254, 0.3484



15.4181, 0.4319, 0.4953



76.2737, 0.4326, 0.4947

Inverse Universe

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



1.3928, 0.1529, 0.0689



2.3640, 0.1516, 0.0657



1.8330, 0.1925, 0.0842



3.3352, 0.2996, 0.3089



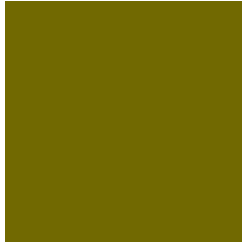
1.5379, 0.1520, 0.0673



7.1579, 0.1509, 0.0634

Previews

White Background



This preview shows how the Yxy color 13.6161, 0.4313, 0.4949 looks on a white background.

Color Contrast Check

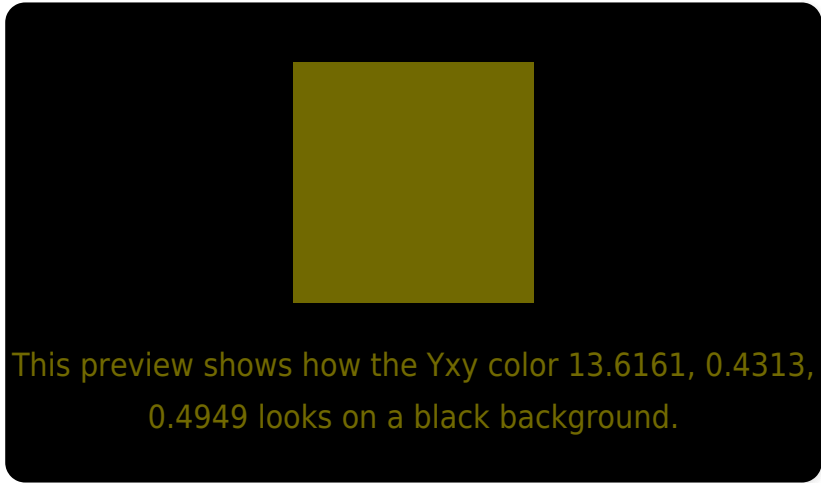
Large Text (above 18pt) WCAG AA ✓ Pass

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

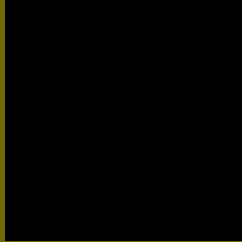
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 13.6161, 0.4313, 0.4949

Background



This preview shows how black text looks on a background with the Yxy color 13.6161, 0.4313, 0.4949.



This preview shows how white text looks on a background with the Yxy color 13.6161, 0.4313, 0.4949.

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

13.6161, 0.4313, 0.4949

Protanopia

13.6825, 0.4394, 0.4893

Deuteranopia

13.5924, 0.4647, 0.4575



Tritanopia

13.6772, 0.3344, 0.3148

Trichromacy



Original Color

13.6161, 0.4313, 0.4949

Protanomaly

13.6136, 0.4379, 0.4905

Deuteranomaly

13.6122, 0.4515, 0.4722

Tritanomaly

13.4945, 0.3855, 0.4001

Monochromacy



Original Color

13.6161, 0.4313, 0.4949

Achromatopsia

11.6971, 0.3127, 0.3290

Achromatomaly

12.0854, 0.3712, 0.4160

CSS Examples

Text

The CSS property to change the color of the text to Yxy 13.6161, 0.4313, 0.4949 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, 105, 1)` looks like.

```
.text, #text, p{  
    color:rgb(113, 105, 1)  
}
```

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, 105, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 105, 1) }
```

Border

The CSS property to change the border of an element to Yxy 13.6161, 0.4313, 0.4949 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, 105, 1) }
```

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

```
.border{ border-color:rgb(113, 105, 1) }
```

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

Here you see how a box with a 4 pixel rgb(113, 105, 1) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 105, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 105, 1);  
box-shadow:4px 4px 4px 4px rgb(113, 105,  
1) }
```


Background

The CSS property to change the background color of an element to Yxy 13.6161, 0.4313, 0.4949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 105, 1) }
```

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

```
.background{ background-color: rgb(113,  
105, 1) }
```

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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