

Converting Colors

$Y_{xy}(14.2326, 0.4133, 0.4179)$

Have a look what the booklet for
Yxy(14.2326, 0.4133, 0.4179)
contains.

Yxy(14.2239, 0.4133, 0.4179)	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(14.2239, 0.4133, 0.4179)

Conversions

Conversions Part 1

Format	Color
Hex	7E6638
RGB	126, 102, 56
RGB Percent	49%, 40%, 22%
CMY	0.5060, 0.6000, 0.7804
CMYK	0.00, 0.19, 0.56, 0.51
HSL	39°, 38%, 36%
HSV	39°, 56%, 49%
XYZ	14.0673, 14.2239, 5.7454
YIQ	103.9320, 29.0700, -9.2180

Conversions

Conversions Part 2

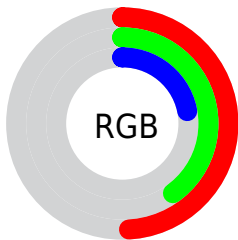
Format	Color
RYB	93, 126, 56
Decimal	8283704
CIELab	44.55, 3.48, 29.39
CIELCh	45, 29.591, 83.247
Yxy	14.2239, 0.4133, 0.4179
Android (android.graphics.Color)	4286473784 (0xFF7E6638)
YUV	103.9320, -23.6305, 19.3536
Hunter-Lab	37.7146, 0.5790, 17.3681

Details

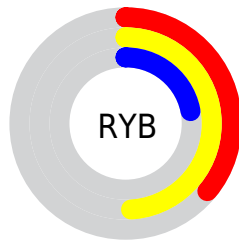
The Yxy color **14.2239, 0.4133, 0.4179** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **8.0798, 0.2221, 0.2172**, and the grayscale version is **13.8828, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.4852, 0.3893, 0.3985**, and **4.2524, 0.4561, 0.4481** is the 20% darker color. If you saturate the color by 10%, you get **13.2901, 0.4337, 0.4307**, and if you desaturate by 10%, it is **15.2343, 0.3928, 0.4029**.

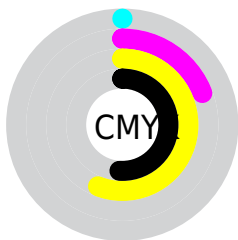
Distribution



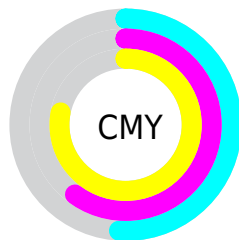
- Red (49%)
- Green (40%)
- Blue (22%)



- Red (36%)
- Yellow (49%)
- Blue (22%)



- Cyan (0%)
- Magenta (19%)
- Yellow (56%)
- Black (51%)





- Cyan (51%)
- Magenta (60%)
- Yellow (78%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 14.2239, 0.4133, 0.4179 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 14.2239, 0.4133, 0.4179 by changing the saturation by 10% instead.


 14.2239, 0.4133,
0.4179


 14.2239, 0.4133,
0.4179


 218.6193, 0.3544,
0.3670


 8.2766, 0.4308,
0.4322


 33.4858, 0.3897,
0.3979


 4.2724, 0.4542,
0.4504

 47.5691, 0.3815,
0.3908


 1.8271, 0.5069,
0.4931

 65.1332, 0.3748,
0.3850

 0.5040, 0.5281,
0.4719

 86.5625, 0.3693,
0.3802

 0.0000, 0.0000,
0.0000

 112.2414, 0.3647,
0.3761

 142.5542, 0.3608,

0.3726

177.8854, 0.3574,
0.3696

■ 14.2239, 0.4133,
0.4179

■ 14.2239, 0.4133,
0.4179

■ 13.2901, 0.4337,
0.4307

■ 15.2343, 0.3928,
0.4029

■ 12.4277, 0.4532,
0.4402

■ 16.3220, 0.3729,
0.3867

■ 11.6341, 0.4708,
0.4457

■ 17.4902, 0.3541,
0.3701

■ 10.9041, 0.4860,
0.4468

■ 18.7414, 0.3368,
0.3535

■ 10.5945, 0.4928,
0.4469

■ 20.0779, 0.3209,
0.3375

■ 21.5018, 0.3065,
0.3224

■ 23.0151, 0.2936,
0.3081

■ 24.6200, 0.2821,
0.2949

■ 26.3182, 0.2718,
0.2827

Harmonies

Analogous

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



14.2239, 0.4351, 0.3759



14.2239, 0.4133, 0.4179



14.2239, 0.3651, 0.4407

Triad

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



14.2239, 0.4133, 0.4179



14.2239, 0.2149, 0.3145



14.2239, 0.3103, 0.2515

Complementary

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



14.2239, 0.4133, 0.4179



8.0798, 0.2221, 0.2172

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.



14.2239, 0.2542, 0.2345



14.2239, 0.4133, 0.4179



14.2239, 0.2036, 0.2644

Square

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



14.2239, 0.4133, 0.4179



14.2239, 0.2509, 0.3777



14.2239, 0.2172, 0.2379



14.2239, 0.3729, 0.2849

Rectangle

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



14.2239, 0.4133, 0.4179



14.2239, 0.3257, 0.4367



14.2239, 0.2172, 0.2379



14.2239, 0.2900, 0.2438

Sweetspot

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



14.2246, 0.4133, 0.4179



32.5810, 0.3399, 0.3565



7.8491, 0.4111, 0.2811



7.3311, 0.3425, 0.3591



63.8283, 0.3127, 0.3290



8.3535, 0.3127, 0.3290

Same Dimension

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



14.2246, 0.4133, 0.4179



22.9295, 0.4398, 0.4339



18.8802, 0.3755, 0.4631



4.7791, 0.3264, 0.3431



10.8644, 0.4929, 0.4468



0.0000, 0.0000, 0.0000

Inverse Universe

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



8.0798, 0.2221, 0.2172



10.9671, 0.2015, 0.1855



5.5099, 0.2235, 0.1651



4.4339, 0.2993, 0.3144



3.3225, 0.1655, 0.1157



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 14.2239, 0.4133, 0.4179 looks on a white background.

Color Contrast Check

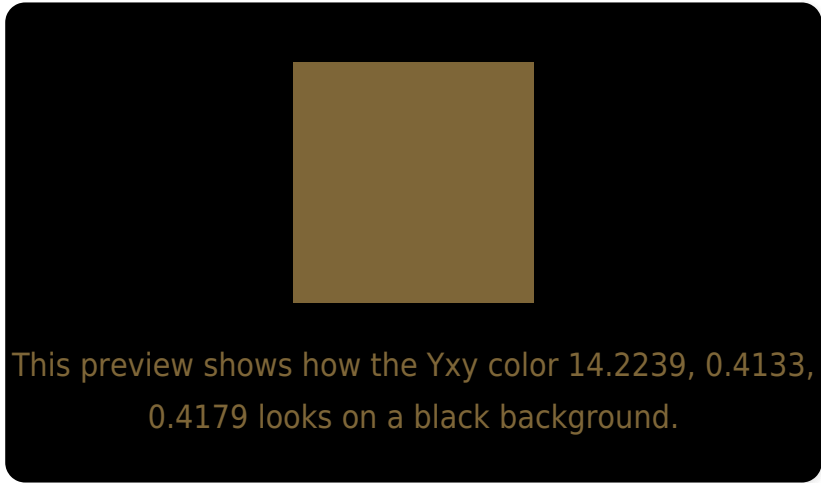
Large Text (above 18pt) WCAG AA ✓ Pass

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

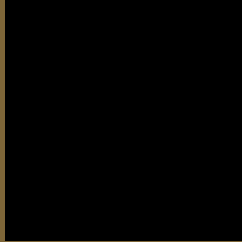
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.2239, 0.4133, 0.4179

Background



This preview shows how black text looks on a background with the Yxy color 14.2239, 0.4133, 0.4179.



This preview shows how white text looks on a background with the Yxy color 14.2239, 0.4133, 0.4179.

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

14.2239, 0.4133, 0.4179

Protanopia

14.3165, 0.3926, 0.4292

Deuteranopia

14.2600, 0.4190, 0.4144



Tritanopia

14.2947, 0.3528, 0.3156

Trichromacy



Original Color

14.2239, 0.4133, 0.4179

Protanomaly

14.3916, 0.3997, 0.4250

Deuteranomaly

14.1821, 0.4175, 0.4149

Tritanomaly

14.2789, 0.3763, 0.3527

Monochromacy



Original Color

14.2239, 0.4133, 0.4179

Achromatopsia

13.8432, 0.3127, 0.3290

Achromatomaly

13.8334, 0.3481, 0.3633

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.2239, 0.4133, 0.4179 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(126, 102, 56)` looks like.

```
.text, #text, p{  
    color:rgb(126, 102, 56)  
}
```

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(126, 102, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 102, 56) }
```

Border

The CSS property to change the border of an element to Yxy 14.2239, 0.4133, 0.4179 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(126, 102, 56) }
```

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

```
.border{ border-color:rgb(126, 102, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 102, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 102, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 102, 56);  
box-shadow:4px 4px 4px 4px rgb(126, 102,  
56) }
```


Background

The CSS property to change the background color of an element to Yxy 14.2239, 0.4133, 0.4179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 102, 56) }
```

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

```
.background{ background-color: rgb(126,  
102, 56) }
```

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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