

Converting Colors

$Y_{xy}(14.1995, 0.4137, 0.4198)$

Have a look what the booklet for
Yxy(14.1995, 0.4137, 0.4198)
contains.

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Color

Yxy(14.2142, 0.4146, 0.4196)

Conversions

Conversions Part 1

Format	Color
Hex	7E6637
RGB	126, 102, 55
RGB Percent	49%, 40%, 22%
CMY	0.5059, 0.6000, 0.7843
CMYK	0.00, 0.19, 0.56, 0.51
HSL	40°, 39%, 35%
HSV	40°, 56%, 49%
XYZ	14.0448, 14.2142, 5.6166
YIQ	103.8180, 29.3910, -9.5290

Conversions

Conversions Part 2

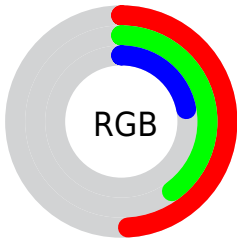
Format	Color
RYB	91, 126, 55
Decimal	8283703
CIELab	44.54, 3.40, 29.93
CIELCh	45, 30.119, 83.523
Yxy	14.2142, 0.4146, 0.4196
Android (android.graphics.Color)	4286473783 (0xFF7E6637)
YUV	103.8180, -24.0673, 19.4536
Hunter-Lab	37.7017, 0.5176, 17.5585

Details

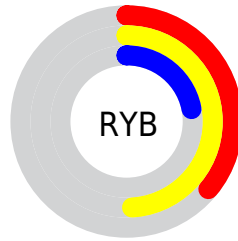
The Yxy color **14.2142, 0.4146, 0.4196** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **7.9082, 0.2206, 0.2144**, and the grayscale version is **13.8520, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.4650, 0.3902, 0.3998**, and **4.2079, 0.4561, 0.4527** is the 20% darker color. If you saturate the color by 10%, you get **13.2936, 0.4348, 0.4322**, and if you desaturate by 10%, it is **15.2101, 0.3942, 0.4047**.

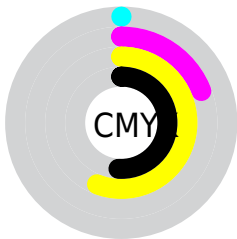
Distribution



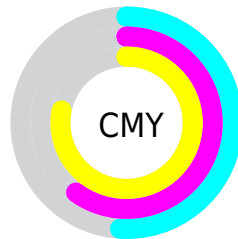
- Red (49%)
- Green (40%)
- Blue (22%)



- 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 14.2142, 0.4146, 0.4196 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 14.2142, 0.4146, 0.4196 by changing the saturation by 10% instead.


 14.2142, 0.4146,
0.4196

 14.2142, 0.4146,
0.4196


 218.5593, 0.3550,
0.3677


 8.2698, 0.4322,
0.4341


 33.4686, 0.3908,
0.3993


 4.2681, 0.4557,
0.4525

 47.5474, 0.3825,
0.3921


 1.8246, 0.5064,
0.4936

 65.1065, 0.3757,
0.3862

 0.5024, 0.5273,
0.4727

 86.5302, 0.3701,
0.3812

 0.0000, 0.0000,
0.0000

 112.2029, 0.3654,
0.3770

 142.5091, 0.3615,

0.3735

177.8331, 0.3580,
0.3704

■ 14.2142, 0.4146,
0.4196

■ 14.2142, 0.4146,
0.4196

■ 13.2936, 0.4348,
0.4322

■ 15.2101, 0.3942,
0.4047

■ 12.4430, 0.4540,
0.4416

■ 16.2819, 0.3744,
0.3884

■ 11.6599, 0.4712,
0.4468

■ 17.4329, 0.3555,
0.3717

■ 10.9385, 0.4861,
0.4477

■ 18.6655, 0.3381,
0.3550

■ 10.6868, 0.4916,
0.4479

■ 19.9819, 0.3221,
0.3389

■ 21.3844, 0.3076,
0.3235

■ 22.8749, 0.2946,
0.3091

■ 24.4555, 0.2829,
0.2957

■ 26.1280, 0.2725,
0.2833

Harmonies

Analogous

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



14.2142, 0.4372, 0.3769



14.2142, 0.4146, 0.4196



14.2142, 0.3654, 0.4428

Triad

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



14.2142, 0.4146, 0.4196



14.2142, 0.2130, 0.3135



14.2142, 0.3108, 0.2505

Complementary

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



14.2142, 0.4146, 0.4196



7.9082, 0.2206, 0.2144

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.



14.2142, 0.2536, 0.2331



14.2142, 0.4146, 0.4196



14.2142, 0.2019, 0.2629

Square

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



14.2142, 0.4146, 0.4196



14.2142, 0.2493, 0.3780



14.2142, 0.2159, 0.2362



14.2142, 0.3745, 0.2845

Rectangle

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



14.2142, 0.4146, 0.4196



14.2142, 0.3252, 0.4386



14.2142, 0.2159, 0.2362



14.2142, 0.2901, 0.2427

Sweetspot

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



14.2149, 0.4146, 0.4196



32.6233, 0.3398, 0.3567



7.7440, 0.4134, 0.2805



7.3415, 0.3425, 0.3593



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.



14.2149, 0.4146, 0.4196



22.9027, 0.4412, 0.4357



18.8655, 0.3762, 0.4649



4.7822, 0.3263, 0.3432



10.9560, 0.4917, 0.4478



0.0000, 0.0000, 0.0000

Inverse Universe

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



7.9082, 0.2206, 0.2144



10.6534, 0.1997, 0.1820



5.3838, 0.2220, 0.1625



4.4309, 0.2993, 0.3143



3.2792, 0.1651, 0.1145



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 14.2142, 0.4146, 0.4196 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



This preview shows how the Yxy color 14.2142, 0.4146, 0.4196 looks on a 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 14.2142, 0.4146, 0.4196

Background



This preview shows how black text looks on a background with the Yxy color 14.2142, 0.4146, 0.4196.



This preview shows how white text looks on a background with the Yxy color 14.2142, 0.4146, 0.4196.

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

14.2142, 0.4146, 0.4196

Protanopia

14.3066, 0.3938, 0.4310

Deuteranopia

14.2503, 0.4203, 0.4160



Tritanopia

14.1110, 0.3532, 0.3137

Trichromacy



Original Color

14.2142, 0.4146, 0.4196

Protanomaly

14.3817, 0.4009, 0.4268

Deuteranomaly

14.1724, 0.4188, 0.4166

Tritanomaly

14.0744, 0.3785, 0.3527

Monochromacy



Original Color

14.2142, 0.4146, 0.4196

Achromatopsia

13.8432, 0.3127, 0.3290

Achromatomaly

13.8171, 0.3495, 0.3655

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.2142, 0.4146, 0.4196 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, 55)` looks like.

```
.text, #text, p{  
    color:rgb(126, 102, 55)  
}
```

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, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 102, 55) }
```

Border

The CSS property to change the border of an element to Yxy 14.2142, 0.4146, 0.4196 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, 55) }
```

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

```
.border{ border-color:rgb(126, 102, 55) }
```

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, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 102, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 102, 55);  
box-shadow:4px 4px 4px 4px rgb(126, 102,  
55) }
```


Background

The CSS property to change the background color of an element to Yxy 14.2142, 0.4146, 0.4196 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, 55) }
```

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

```
.background{ background-color: rgb(126,  
102, 55) }
```

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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