

Converting Colors

$Y_{xy}(14.7256, 0.3947, 0.4329)$

Have a look what the booklet for
Yxy(14.7256, 0.3947, 0.4329)
contains.

Yxy(14.7926, 0.3934, 0.4339)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(14.7926, 0.3934, 0.4339)

Conversions

Conversions Part 1

Format	Color
Hex	756C38
RGB	117, 108, 56
RGB Percent	46%, 42%, 22%
CMY	0.5412, 0.5764, 0.7804
CMYK	0.00, 0.08, 0.52, 0.54
HSL	51°, 35%, 34%
HSV	51°, 52%, 46%
XYZ	13.4119, 14.7926, 5.8877
YIQ	104.7630, 22.0560, -14.2640

Conversions

Conversions Part 2

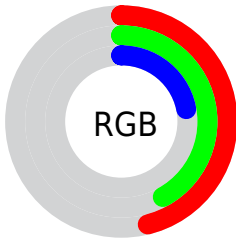
Format	Color
RYB	67, 117, 56
Decimal	7695416
CIELab	45.35, -4.13, 30.14
CIELCh	45, 30.425, 97.796
Yxy	14.7926, 0.3934, 0.4339
Android (android.graphics.Color)	4285885496 (0xFF756C38)
YUV	104.7630, -24.0402, 10.7318
Hunter-Lab	38.4611, -5.0619, 17.8466

Details

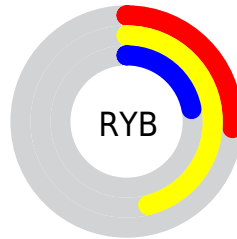
The Yxy color **14.7926, 0.3934, 0.4339** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **5.9025, 0.2225, 0.1952**, and the grayscale version is **14.1208, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.3418, 0.3752, 0.4094**, and **4.5527, 0.4231, 0.4770** is the 20% darker color. If you saturate the color by 10%, you get **14.3318, 0.4081, 0.4506**, and if you desaturate by 10%, it is **15.2888, 0.3777, 0.4150**.

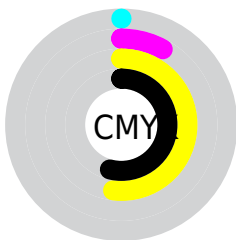
Distribution



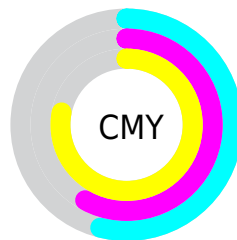
- Red (46%)
- Green (42%)
- Blue (22%)



- Red (26%)
- Yellow (46%)
- Blue (22%)



- Cyan (0%)
- Magenta (8%)
- Yellow (52%)
- Black (54%)



- Cyan (54%)
- Magenta (58%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.7926, 0.3934, 0.4339 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 14.7926, 0.3934, 0.4339 by changing the saturation by 10% instead.


 14.7926, 0.3934,
0.4339


 14.7926, 0.3934,
0.4339


222.1074, 0.3472,
0.3723


 8.6740, 0.4063,
0.4524


 34.4889, 0.3753,
0.4091


 4.5291, 0.4228,
0.4773

 48.8354, 0.3689,
0.4006


 1.9737, 0.4641,
0.5359

 66.6933, 0.3636,
0.3936

 0.5921, 0.4383,
0.5617

 88.4469, 0.3592,
0.3878

 0.0000, 0.0000,
0.0000

 114.4808, 0.3555,
0.3830

 145.1792, 0.3523,

0.3789

180.9266, 0.3496,
0.3754

■ 14.7926, 0.3934,
0.4339

■ 14.7926, 0.3934,
0.4339

■ 14.3318, 0.4081,
0.4506

■ 15.2888, 0.3777,
0.4150

■ 13.9023, 0.4212,
0.4643

■ 15.8199, 0.3617,
0.3948

■ 13.5026, 0.4322,
0.4743

■ 16.3884, 0.3458,
0.3740

■ 13.1303, 0.4407,
0.4802

■ 16.9957, 0.3304,
0.3533

■ 12.8490, 0.4467,
0.4835

■ 17.6433, 0.3157,
0.3332

■ 18.3323, 0.3021,
0.3140

■ 19.0641, 0.2894,
0.2960

■ 19.8399, 0.2779,
0.2792

■ 20.6609, 0.2673,
0.2637

Harmonies

Analogous

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



14.7926, 0.4303, 0.3984



14.7926, 0.3934, 0.4339



14.7926, 0.3369, 0.4414

Triad

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



14.7926, 0.3934, 0.4339



14.7926, 0.2048, 0.2868



14.7926, 0.3414, 0.2651

Complementary

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



14.7926, 0.3934, 0.4339



5.9025, 0.2225, 0.1952

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.



14.7926, 0.2790, 0.2393



14.7926, 0.3934, 0.4339



14.7926, 0.2057, 0.2474

Square

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



14.7926, 0.3934, 0.4339



14.7926, 0.2293, 0.3469



14.7926, 0.2312, 0.2322



14.7926, 0.4006, 0.3049

Rectangle

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



14.7926, 0.3934, 0.4339



14.7926, 0.2962, 0.4237



14.7926, 0.2312, 0.2322



14.7926, 0.3199, 0.2547

Sweetspot

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



14.7933, 0.3934, 0.4339



29.9638, 0.3369, 0.3621



6.9919, 0.4303, 0.3099



6.8500, 0.3393, 0.3653



60.3827, 0.3127, 0.3290



7.3239, 0.3127, 0.3290

Same Dimension

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



14.7933, 0.3934, 0.4339



25.4698, 0.4115, 0.4543



15.4746, 0.3547, 0.4628



4.1788, 0.3257, 0.3470



14.1405, 0.4468, 0.4834



67.9304, 0.4485, 0.4821

Inverse Universe

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



5.9025, 0.2225, 0.1952



7.6413, 0.1995, 0.1579



5.7032, 0.2493, 0.1843



3.6690, 0.2995, 0.3104



1.8489, 0.1545, 0.0761



8.2083, 0.1528, 0.0701

Previews

White Background



This preview shows how the Yxy color 14.7926, 0.3934, 0.4339 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 14.7926, 0.3934, 0.4339 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

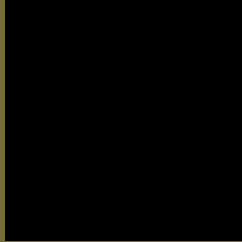
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.7926, 0.3934, 0.4339

Background



This preview shows how black text looks on a background with the Yxy color 14.7926, 0.3934, 0.4339.



This preview shows how white text looks on a background with the Yxy color 14.7926, 0.3934, 0.4339.

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

14.7926, 0.3934, 0.4339

Protanopia

14.6525, 0.3959, 0.4315

Deuteranopia

14.7037, 0.4212, 0.4127



Tritanopia

14.7661, 0.3308, 0.3133

Trichromacy



Original Color

14.7926, 0.3934, 0.4339

Protanomaly

14.6525, 0.3959, 0.4315

Deuteranomaly

14.7081, 0.4115, 0.4191

Tritanomaly

14.6319, 0.3555, 0.3577

Monochromacy



Original Color

14.7926, 0.3934, 0.4339

Achromatopsia

14.1263, 0.3127, 0.3290

Achromatomaly

14.2474, 0.3424, 0.3701

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.7926, 0.3934, 0.4339 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(117, 108, 56)` looks like.

```
.text, #text, p{  
    color:rgb(117, 108, 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(117, 108, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 108, 56) }
```

Border

The CSS property to change the border of an element to Yxy 14.7926, 0.3934, 0.4339 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(117, 108, 56) }
```

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

```
.border{ border-color:rgb(117, 108, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 108, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 108, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 108, 56);  
box-shadow:4px 4px 4px 4px rgb(117, 108,  
56) }
```


Background

The CSS property to change the background color of an element to Yxy 14.7926, 0.3934, 0.4339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 108, 56) }
```

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

```
.background{ background-color: rgb(117,  
108, 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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