

Converting Colors

$Y_{xy}(15.9684, 0.4140, 0.3697)$

Have a look what the booklet for
Yxy(15.9684, 0.4140, 0.3697)
contains.

Yxy(15.9684, 0.4140, 0.3697)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(15.9684, 0.4140, 0.3697)

Conversions

Conversions Part 1

Format	Color
Hex	92654E
RGB	146, 101, 78
RGB Percent	57%, 40%, 31%
CMY	0.4275, 0.6039, 0.6942
CMYK	0.00, 0.31, 0.47, 0.43
HSL	20°, 30%, 44%
HSV	20°, 47%, 57%
XYZ	17.8818, 15.9684, 9.3426
YIQ	111.8330, 34.2030, 2.3870

Conversions

Conversions Part 2

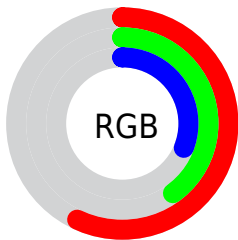
Format	Color
R_{YB}	146, 113, 78
Decimal	9594190
CIE _{Lab}	46.93, 15.24, 20.29
CIE _{LCh}	47, 25.377, 53.094
Yxy	15.9684, 0.4140, 0.3697
Android (android.graphics.Color)	4287784270 (0xFF92654E)
YUV	111.8330, -16.6797, 29.9645
Hunter-Lab	39.9605, 9.9458, 14.1105

Details

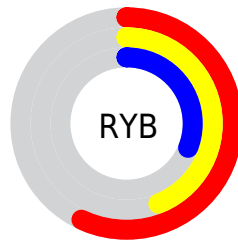
The Yxy color **15.9684, 0.4140, 0.3697** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **17.8514, 0.2442, 0.2830**, and the grayscale version is **16.1939, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.5453, 0.3902, 0.3618**, and **5.0753, 0.4599, 0.3822** is the 20% darker color. If you saturate the color by 10%, you get **14.0161, 0.4451, 0.3774**, and if you desaturate by 10%, it is **18.1891, 0.3862, 0.3610**.

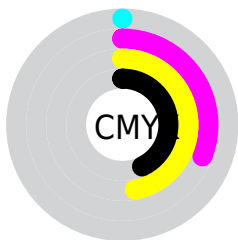
Distribution



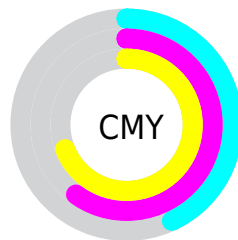
- Red (57%)
- Green (40%)
- Blue (31%)



- Red (57%)
- Yellow (44%)
- Blue (31%)



- Cyan (0%)
- Magenta (31%)
- Yellow (47%)
- Black (43%)




- Cyan (43%)
- Magenta (60%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.9684, 0.4140, 0.3697 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 15.9684, 0.4140, 0.3697 by changing the saturation by 10% instead.


 15.9684, 0.4140,
0.3697


 15.9684, 0.4140,
0.3697


229.1552, 0.3542,
0.3479


 9.5018, 0.4328,
0.3751


 36.5433, 0.3896,
0.3616


 5.0699, 0.4597,
0.3815


 51.4205, 0.3813,
0.3586


 2.2883, 0.5036,
0.3902


 69.8699, 0.3745,
0.3561

 0.7675, 0.5953,
0.4047

 92.2760, 0.3690,
0.3540

 0.0000, 1.0000,
0.0000

 119.0232, 0.3644,
0.3521

 0.0000, 0.0000,
0.0000

150.4958, 0.3605,

0.3505

187.0784, 0.3571,
0.3491

■ 15.9684, 0.4140,
0.3697

■ 15.9684, 0.4140,
0.3697

■ 14.0161, 0.4451,
0.3774

■ 18.1891, 0.3862,
0.3610

■ 12.3192, 0.4787,
0.3830

■ 20.6860, 0.3618,
0.3519

■ 10.8669, 0.5131,
0.3854

■ 23.4693, 0.3409,
0.3429

■ 9.6466, 0.5456,
0.3836

■ 26.5480, 0.3230,
0.3344

■ 8.6429, 0.5738,
0.3774

■ 29.9308, 0.3078,
0.3263

■ 8.3438, 0.5832,
0.3752

■ 33.6258, 0.2948,
0.3189

■ 37.6412, 0.2838,
0.3121

■ 41.9843, 0.2743,
0.3059

■ 46.6627, 0.2662,
0.3002

Harmonies

Analogous

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



15.9684, 0.4014, 0.3297



15.9684, 0.4140, 0.3697



15.9684, 0.3970, 0.4039

Triad

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



15.9684, 0.4140, 0.3697



15.9684, 0.2619, 0.3691



15.9684, 0.2639, 0.2492

Complementary

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



15.9684, 0.4140, 0.3697



17.8514, 0.2442, 0.2830

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.



15.9684, 0.2323, 0.2528



15.9684, 0.4140, 0.3697



15.9684, 0.2309, 0.3182

Square

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



15.9684, 0.4140, 0.3697



15.9684, 0.3080, 0.4091



15.9684, 0.2207, 0.2762



15.9684, 0.3110, 0.2635

Rectangle

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



15.9684, 0.4140, 0.3697



15.9684, 0.3725, 0.4179



15.9684, 0.2207, 0.2762



15.9684, 0.2513, 0.2483

Sweetspot

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



15.9692, 0.4140, 0.3697



42.6108, 0.3365, 0.3409



12.9942, 0.3524, 0.2520



9.2533, 0.3402, 0.3426



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



15.9692, 0.4140, 0.3697



24.5533, 0.4469, 0.3777



23.8938, 0.3873, 0.4236



6.1173, 0.3274, 0.3365



7.3808, 0.5823, 0.3759



0.1408, 0.5091, 0.4340

Inverse Universe

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



17.8514, 0.2442, 0.2830



28.2578, 0.2306, 0.2704



10.8907, 0.2317, 0.2115



6.2348, 0.2989, 0.3213



9.3215, 0.1937, 0.2171



0.1688, 0.2094, 0.2738

Previews

White Background



This preview shows how the Yxy color 15.9684, 0.4140, 0.3697 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 15.9684, 0.4140, 0.3697 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

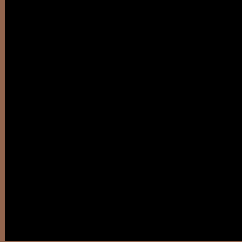
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.9684, 0.4140, 0.3697

Background



This preview shows how black text looks on a background with the Yxy color 15.9684, 0.4140, 0.3697.



This preview shows how white text looks on a background with the Yxy color 15.9684, 0.4140, 0.3697.

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

15.9684, 0.4140, 0.3697

Protanopia

15.9711, 0.3629, 0.3876

Deuteranopia

16.0378, 0.3914, 0.3858



Tritanopia

15.8652, 0.3783, 0.3152

Trichromacy



Original Color

15.9684, 0.4140, 0.3697

Protanomaly

15.7766, 0.3800, 0.3795

Deuteranomaly

16.0422, 0.4004, 0.3807

Tritanomaly

15.7646, 0.3918, 0.3345

Monochromacy



Original Color

15.9684, 0.4140, 0.3697

Achromatopsia

16.2029, 0.3127, 0.3290

Achromatomaly

15.9303, 0.3458, 0.3449

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.9684, 0.4140, 0.3697 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(146, 101, 78)` looks like.

```
.text, #text, p{  
    color:rgb(146, 101, 78)  
}
```

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(146, 101, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 101, 78) }
```

Border

The CSS property to change the border of an element to Yxy 15.9684, 0.4140, 0.3697 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(146, 101, 78) }
```

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

```
.border{ border-color:rgb(146, 101, 78) }
```

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

Here you see how a box with a 4 pixel rgb(146, 101, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 101, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 101, 78);  
box-shadow:4px 4px 4px 4px rgb(146, 101,  
78) }
```


Background

The CSS property to change the background color of an element to Yxy 15.9684, 0.4140, 0.3697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 101, 78) }
```

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

```
.background{ background-color: rgb(146,  
101, 78) }
```

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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