

Converting Colors

YUV(15.5400, -5.6892, 4.7884)

Have a look what the booklet for
YUV(15.5400, -5.6892, 4.7884)
contains.

YUV(15.5400, -5.6892, 4.7884)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(15.5400, -5.6892,
4.7884)**

Conversions

Conversions Part 1

Format	Color
Hex	150F04
RGB	21, 15, 4
RGB Percent	8%, 6%, 2%
CMY	0.9176, 0.9412, 0.9843
CMYK	0.00, 0.29, 0.81, 0.92
HSL	39°, 68%, 5%
HSV	39°, 81%, 8%
XYZ	0.5020, 0.5098, 0.1868
YIQ	15.5400, 7.1070, -2.1490

Conversions

Conversions Part 2

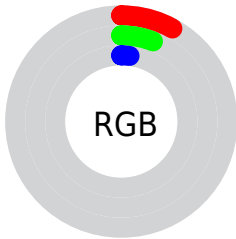
Format	Color
RYB	13, 21, 4
Decimal	1380100
CIELab	4.61, 0.71, 5.27
CIELCh	5, 5.316, 82.291
Yxy	0.5098, 0.4188, 0.4253
Android (android.graphics.Color)	4279570180 (0xFF150F04)
YUV	15.5400, -5.6892, 4.7884
Hunter-Lab	7.1403, 0.0538, 3.4470

Details

The YUV color **15.5400, -5.6892, 4.7884** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **9.4600, 5.6892, -4.7884**, and the grayscale version is **16.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **58.6970, -3.7946, 3.7737**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **14.7250, -6.2734, 5.5032**, and if you desaturate by 10%, it is **16.3550, -5.1050, 4.0737**.

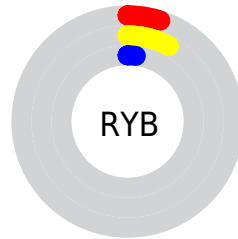
Distribution



Red (8%)

Green (6%)

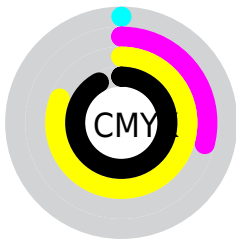
Blue (2%)



Red (5%)

Yellow (8%)

Blue (2%)

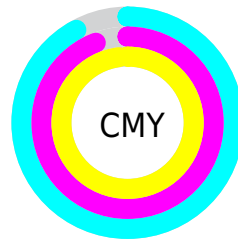


Cyan (0%)

Magenta (29%)

Yellow (81%)

Black (92%)



Cyan (92%)

Magenta (94%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YUV color 15.5400, -5.6892, 4.7884 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 YUV color 15.5400, -5.6892, 4.7884 by changing the saturation by 10% instead.

■ 15.5400, -5.6892,
4.7884

■ 15.5400, -5.6892,
4.7884

■ 239.6540, -5.2524,
4.6884

■ 0.0000, 0.0000,
0.0000

■ 58.6970, -3.7946,
3.7737

■ 81.5830, -4.2314,
3.8737

■ 105.5830, -4.2314,
3.8737

■ 130.8820, -4.3788,
4.4885

■ 156.7680, -4.8156,
4.5885

■ 183.7680, -4.8156,

4.5885

■ 211.0670, -4.9630,
5.2032

■ 15.5400, -5.6892,
4.7884

■ 15.5400, -5.6892,
4.7884

■ 14.7250, -6.2734,
5.5032

■ 16.3550, -5.1050,
4.0737

■ 14.4970, -7.1470,
5.7031

■ 16.5830, -4.2314,
3.8737

■ 17.3980, -3.6472,
3.1590

■ 18.2130, -3.0630,
2.4442

■ 19.0280, -2.4788,
1.7294

■ 19.3700, -1.1684,
1.4295

■ 20.1850, -0.5842,
0.7148

■ 21.0000, 0.0000,
0.0000

■ 21.8150, 0.5842,
-0.7148

Harmonies

Analogous

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



16.1920, -4.5317, 6.8476



15.5400, -5.6892, 4.7884



15.3330, -5.0942, 0.5850

Triad

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



15.5400, -5.6892, 4.7884



13.9170, 2.5059, -10.4512



16.3040, 2.3151, 4.1184

Complementary

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



15.5400, -5.6892, 4.7884



9.4600, 5.6892, -4.7884

Split Complementary

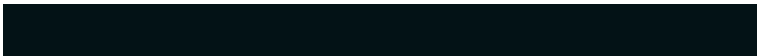
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



16.2110, 3.3470, -0.1850



15.5400, -5.6892, 4.7884



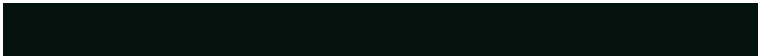
13.9710, 3.9583, -9.6216

Square

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



15.5400, -5.6892, 4.7884



13.9450, 0.0271, -8.7218



15.4060, 4.2368, -5.6181



16.7450, 0.1257, 6.3626

Rectangle

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



15.5400, -5.6892, 4.7884



14.9520, -3.9203, -2.5889



15.4060, 4.2368, -5.6181



16.4070, 2.7573, 2.2741

Sweetspot

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



15.5400, -5.6892, 4.7884



26.0280, -2.4788, 1.7294



9.7670, 0.1149, 9.8513



13.9570, -1.4578, 0.9147



143.0000, 0.0000, 0.0000



15.0000, 0.0000, 0.0000

Same Dimension

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



15.5400, -5.6892, 4.7884



19.0520, -8.8996, 7.8474



18.4640, -7.1308, 0.4701



9.8860, -0.4368, 0.1000



50.3020, -24.7989, 20.7831



136.4090, -67.2496, 56.6463

Inverse Universe

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



9.4600, 5.6892, -4.7884



9.3610, 9.1890, -7.3326



6.5360, 7.1308, -0.4701



9.7010, 0.1474, -0.6148



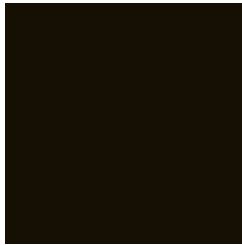
23.6980, 24.7989, -20.7831



64.5910, 67.2496, -56.6463

Previews

White Background



This preview shows how the YUV color 15.5400, -5.6892, 4.7884 looks on a white background.

Color Contrast Check

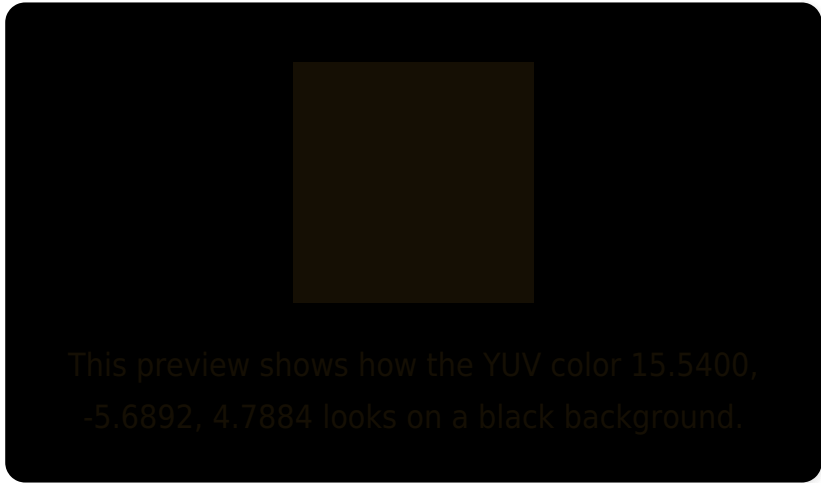
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

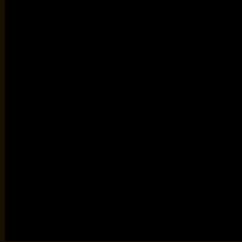
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 15.5400, -5.6892, 4.7884

Background



This preview shows how black text looks on a background with the YUV color 15.5400, -5.6892, 4.7884.



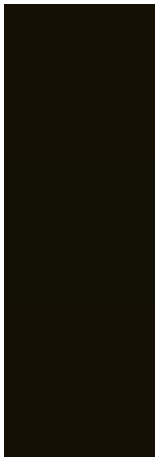
This preview shows how white text looks on a background with the YUV color 15.5400, -5.6892,

4.7884.

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

15.5400, -5.6892, 4.7884

Protanopia

15.2300, -5.5364, 2.4293

Deuteranopia

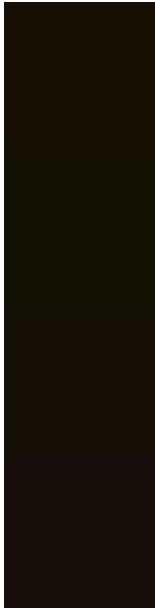
15.2410, -5.5418, 4.1736



Tritanopia

16.5060, -0.7425, 4.8182

Trichromacy



Original Color

15.5400, -5.6892, 4.7884

Protanomaly

15.5290, -5.6838, 3.0441

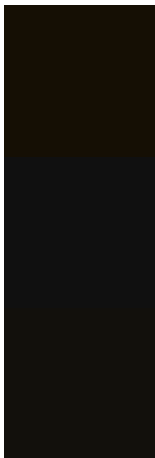
Deuteranomaly

15.2410, -5.5418, 4.1736

Tritanomaly

16.0500, -2.4897, 5.2181

Monochromacy



Original Color

15.5400, -5.6892, 4.7884

Achromatopsia

16.0000, 0.0000, 0.0000

Achromatomaly

16.1420, -2.0420, 1.6295

CSS Examples

Text

The CSS property to change the color of the text to YUV 15.5400, -5.6892, 4.7884 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(21, 15, 4)` looks like.

```
.text, #text, p{  
    color:rgb(21, 15, 4)  
}
```

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(21, 15, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 15, 4) }
```

Border

The CSS property to change the border of an element to YUV 15.5400, -5.6892, 4.7884 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(21, 15, 4) }
```


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

```
.border{ border-color:rgb(21, 15, 4) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 15, 4)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 15, 4); -webkit-box-shadow:4px  
4px 4px 4px rgb(21, 15, 4); box-shadow:4px  
4px 4px 4px rgb(21, 15, 4) }
```

Background

The CSS property to change the background color of an element to YUV 15.5400, -5.6892, 4.7884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 15, 4) }
```

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

```
.background{ background-color: rgb(21, 15,  
4) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor