

Converting Colors

YUV(43.9930, -15.7725,
65.7811)

Have a look what the booklet for
YUV(43.9930, -15.7725, 65.7811)
contains.

YUV(43.9930, -15.7725, 65.7811)	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>	30

Color

**YUV(43.9930, -15.7725,
65.7811)**

Conversions

Conversions Part 1

Format	Color
Hex	770C0C
RGB	119, 12, 12
RGB Percent	47%, 5%, 5%
CMY	0.5333, 0.9529, 0.9529
CMYK	0.00, 0.90, 0.90, 0.53
HSL	0°, 82%, 26%
HSV	0°, 90%, 47%
XYZ	7.8056, 4.2114, 0.7493
YIQ	43.9930, 63.7720, 22.6840

Conversions

Conversions Part 2

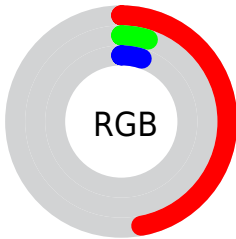
Format	Color
RYB	119, 12, 12
Decimal	7801868
CIELab	24.36, 43.37, 31.28
CIELCh	24, 53.476, 35.798
Yxy	4.2114, 0.6114, 0.3299
Android (android.graphics.Color)	4285991948 (0xFF770C0C)
YUV	43.9930, -15.7725, 65.7811
Hunter-Lab	20.5218, 31.9805, 12.2004

Details

The YUV color **43.9930, -15.7725, 65.7811** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **87.0070, 15.7725, -65.7811**, and the grayscale version is **44.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **100.5820, -22.4719, 67.8956**, and **18.5380, -9.1392, 38.1162** is the 20% darker color. If you saturate the color by 10%, you get **35.5810, -17.5414, 73.1585**, and if you desaturate by 10%, it is **52.4050, -14.0037, 58.4038**.

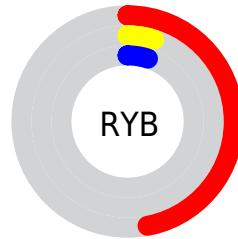
Distribution



Red (47%)

Green (5%)

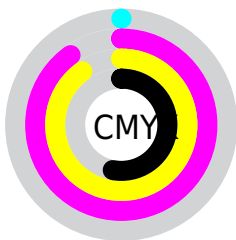
Blue (5%)



Red (47%)

Yellow (5%)

Blue (5%)

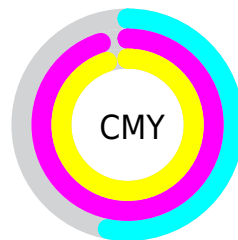


Cyan (0%)

Magenta (90%)

Yellow (90%)

Black (53%)



Cyan (53%)

Magenta (95%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 43.9930, -15.7725, 65.7811 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 43.9930, -15.7725, 65.7811 by changing the saturation by 10% instead.

43.9930, -15.7725,
65.7811

43.9930, -15.7725,
65.7811

252.9480, -7.8624,
1.7996

26.9100, -13.2666,
55.3299

100.5820,
-22.4719, 67.8956

18.5380, -9.1392,
38.1162

127.4360,
-24.3719, 70.6546

9.9810, -4.4276,
20.1877

154.8170,
-25.5458, 73.8285


0.0000, 0.0000,
0.0000


178.3000,
-24.7979, 67.2659


197.1130,
-21.2547, 50.7669


217.2140,


-17.8535, 33.1383


 236.8420,
-13.7261, 15.9246


 43.9930, -15.7725,
65.7811


 43.9930, -15.7725,
65.7811


 35.5810, -17.5414,
73.1585

 52.4050, -14.0037,
58.4038

 60.8170, -12.2348,
51.0265

 69.2290, -10.4659,
43.6492

 77.6410, -8.6970,
36.2718

 85.3520, -7.0755,
29.5093

■ 93.7640, -5.3067,
22.1320

■ 102.1760, -3.5378,
14.7546

■ 110.5880, -1.7689,
7.3773

■ 119.0000, 0.0000,
0.0000

Harmonies

Analogous

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



43.3030, 4.2876, 71.6483



43.9930, -15.7725, 65.7811



53.6570, -26.4529, 38.0118

Triad

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



43.9930, -15.7725, 65.7811



44.7720, -11.2266, -39.2650



51.6530, 43.0621, -45.2997

Complementary

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



43.9930, -15.7725, 65.7811



87.0070, 15.7725, -65.7811

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.



56.7250, 37.1106, -49.7478



43.9930, -15.7725, 65.7811



50.8480, 6.9769, -44.5937

Square

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



43.9930, -15.7725, 65.7811



45.8960, -22.6267, -22.7108



55.4080, 24.4489, -48.5928



57.6270, 32.7219, 4.7121

Rectangle

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



43.9930, -15.7725, 65.7811



54.7210, -26.9775, 19.5387



55.4080, 24.4489, -48.5928



54.1150, 42.3413, -47.4589

Sweetspot

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



43.9930, -15.7725, 65.7811



126.5580, -6.1911, 25.8206



56.1910, 30.9648, 55.0835



61.4750, -3.6852, 15.3694



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



43.9930, -15.7725, 65.7811



46.6440, -22.9955, 95.9052



75.6910, -31.3997, 37.9820



54.7940, -0.8844, 3.6887



36.4780, -17.9837, 75.0028



74.7500, -36.8518, 153.6943

Inverse Universe

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



87.0070, 15.7725, -65.7811



109.3560, 22.9955, -95.9052



55.8960, 31.1103, -38.4968



57.2060, 0.8844, -3.6887



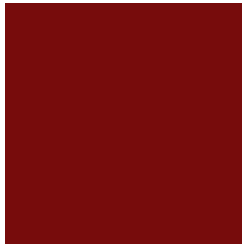
85.5220, 17.9837, -75.0028



175.2500, 36.8518, -153.6943

Previews

White Background



This preview shows how the YUV color 43.9930, -15.7725, 65.7811 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

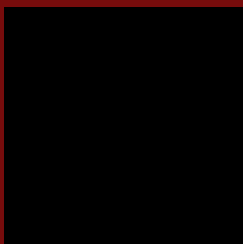
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 43.9930, -15.7725, 65.7811

Background



This preview shows how black text looks on a background with the YUV color 43.9930, -15.7725, 65.7811.



This preview shows how white text looks on a background with the YUV color 43.9930, -15.7725,

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

43.9930, -15.7725, 65.7811

Protanopia

58.6470, -18.0670, 8.2026

Tritanopia

43.5370, -17.5197, 66.1811

Trichromacy



Original Color

43.9930, -15.7725, 65.7811

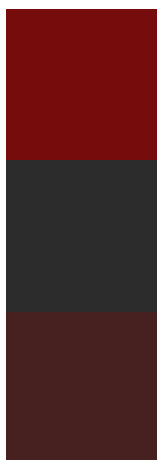
Protanomaly

53.3060, -17.4059, 29.5496

Tritanomaly

43.6510, -17.0829, 66.0811

Monochromacy



Original Color

43.9930, -15.7725, 65.7811

Achromatopsia

44.0000, 0.0000, 0.0000

Achromatomaly

43.6610, -5.7489, 23.9763

CSS Examples

Text

The CSS property to change the color of the text to YUV 43.9930, -15.7725, 65.7811 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(119, 12, 12)` looks like.

```
.text, #text, p{  
    color:rgb(119, 12, 12)  
}
```

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(119, 12, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 12, 12) }
```

Border

The CSS property to change the border of an element to YUV 43.9930, -15.7725, 65.7811 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(119, 12, 12) }
```

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

```
.border{ border-color:rgb(119, 12, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 12, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 12, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 12, 12);  
box-shadow:4px 4px 4px 4px rgb(119, 12,  
12) }
```


Background

The CSS property to change the background color of an element to YUV 43.9930, -15.7725, 65.7811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 12, 12) }
```

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

```
.background{ background-color: rgb(119, 12,  
12) }
```

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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