

Converting Colors

YUV(43.3950, -15.4777,
64.5516)

Have a look what the booklet for
YUV(43.3950, -15.4777, 64.5516)
contains.

YUV(43.3950, -15.4777, 64.5516)	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(43.3950, -15.4777,
64.5516)**

Conversions

Conversions Part 1

Format	Color
Hex	750C0C
RGB	117, 12, 12
RGB Percent	46%, 5%, 5%
CMY	0.5412, 0.9529, 0.9529
CMYK	0.00, 0.90, 0.90, 0.54
HSL	0°, 81%, 25%
HSV	0°, 90%, 46%
XYZ	7.5340, 4.0714, 0.7366
YIQ	43.3950, 62.5800, 22.2600

Conversions

Conversions Part 2

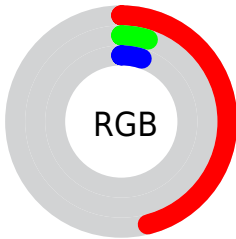
Format	Color
R_{YB}	117, 12, 12
Decimal	7670796
CIE Lab	23.91, 42.77, 30.68
CIE LCh	24, 52.639, 35.652
Yxy	4.0714, 0.6104, 0.3299
Android (android.graphics.Color)	4285860876 (0xFF750C0C)
YUV	43.3950, -15.4777, 64.5516
Hunter-Lab	20.1777, 31.3374, 11.9600

Details

The YUV color **43.3950, -15.4777, 64.5516** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **85.6050, 15.4777, -64.5516**, and the grayscale version is **44.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **99.3970, -21.8877, 67.1808**, and **17.9400, -8.8444, 36.8866** is the 20% darker color. If you saturate the color by 10%, you get **34.9830, -17.2466, 71.9289**, and if you desaturate by 10%, it is **51.8070, -13.7089, 57.1743**.

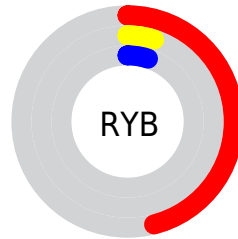
Distribution



Red (46%)

Green (5%)

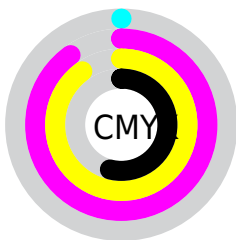
Blue (5%)



Red (46%)

Yellow (5%)

Blue (5%)

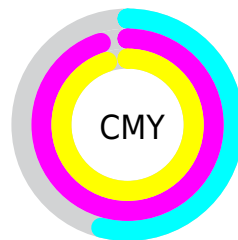


Cyan (0%)

Magenta (90%)

Yellow (90%)

Black (54%)



Cyan (54%)


Magenta (95%)


Yellow (95%)


Brightness & Saturation Gradients


These gradients show how the YUV color 43.3950, -15.4777, 64.5516 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 43.3950, -15.4777, 64.5516 by changing the saturation by 10% instead.


 43.3950, -15.4777,
64.5516


 43.3950, -15.4777,
64.5516


 252.9480, -7.8624,
1.7996


 26.3120, -12.9718,
54.1004

 99.3970, -21.8877,
67.1808


 17.9400, -8.8444,
36.8866


 126.2510,
-23.7877, 69.9399

 9.0840, -3.9854,
18.3433

 153.6320,
-24.9616, 73.1137


 0.0000, 0.0000,
0.0000


 177.7130,
-24.5085, 67.7807


 197.1130,
-21.2547, 50.7669


 216.6270,


-17.5641, 33.6531


 236.7280,
-14.1629, 16.0245


 43.3950, -15.4777,
64.5516


 43.3950, -15.4777,
64.5516


 34.9830, -17.2466,
71.9289

 51.8070, -13.7089,
57.1743

 59.5180, -12.0874,
50.4117

 67.9300, -10.3185,
43.0344

 76.3420, -8.5496,
35.6571

 84.0530, -6.9281,
28.8945

■ 92.4650, -5.1592,
21.5172

■ 100.8770, -3.3904,
14.1399

■ 109.2890, -1.6215,
6.7625

■ 117.0000, 0.0000,
0.0000

Harmonies

Analogous

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



42.5910, 4.1456, 70.5187



43.3950, -15.4777, 64.5516



53.3580, -26.3055, 37.3970

Triad

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



43.3950, -15.4777, 64.5516



44.0710, -11.3740, -38.6503



50.8380, 42.4779, -44.5849

Complementary

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



43.3950, -15.4777, 64.5516



85.6050, 15.4777, -64.5516

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.



55.3230, 36.8158, -48.5183



43.3950, -15.4777, 64.5516



50.1470, 6.8295, -43.9789

Square

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



43.3950, -15.4777, 64.5516



45.3090, -22.3373, -22.1960



54.5930, 23.8647, -47.8781



57.1000, 31.9957, 4.2973

Rectangle

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



43.3950, -15.4777, 64.5516



53.8350, -26.5407, 19.4387



54.5930, 23.8647, -47.8781



53.1860, 41.3203, -46.6441

Sweetspot

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



43.3950, -15.4777, 64.5516



124.2590, -6.0437, 25.2059



55.3650, 30.3861, 54.0539



59.4750, -3.6852, 15.3694



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



43.3950, -15.4777, 64.5516



45.7470, -22.5533, 94.0609



74.5060, -30.8155, 37.2672



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.



85.6050, 15.4777, -64.5516



107.2530, 22.5533, -94.0609



55.0810, 30.5261, -37.7820



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 43.3950, -15.4777, 64.5516 looks on a white background.

Color Contrast Check

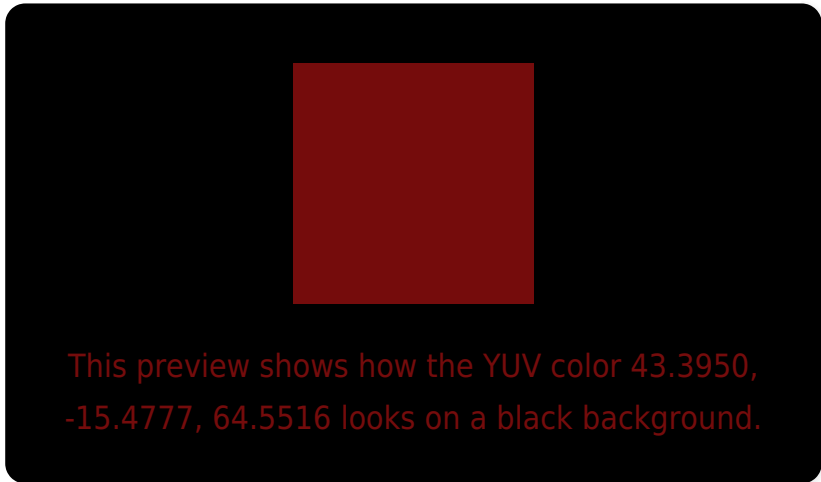
Large Text (above 18pt) WCAG AA ✓ Pass

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

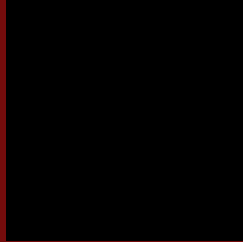
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 43.3950, -15.4777, 64.5516

Background



This preview shows how black text looks on a background with the YUV color 43.3950, -15.4777, 64.5516.



This preview shows how white text looks on a background with the YUV color 43.3950, -15.4777,

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

43.3950, -15.4777, 64.5516

Protanopia

57.7610, -17.6302, 8.1026

Deuteranopia

55.8840, -27.5508, 16.7647



Tritanopia

42.9390, -17.2249, 64.9515

Trichromacy



Original Color

43.3950, -15.4777, 64.5516

Protanomaly

52.7080, -17.1110, 28.3201

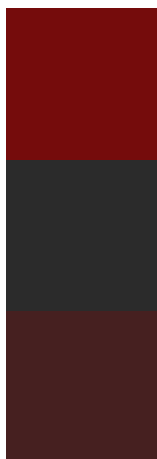
Deuteranomaly

51.4330, -23.3845, 33.8233

Tritanomaly

43.0530, -16.7881, 64.8515

Monochromacy



Original Color

43.3950, -15.4777, 64.5516

Achromatopsia

43.0000, 0.0000, 0.0000

Achromatomaly

43.3620, -5.6015, 23.3615

CSS Examples

Text

The CSS property to change the color of the text to YUV 43.3950, -15.4777, 64.5516 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, 12, 12)` looks like.

```
.text, #text, p{  
    color:rgb(117, 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(117, 12, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 12, 12) }
```

Border

The CSS property to change the border of an element to YUV 43.3950, -15.4777, 64.5516 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, 12, 12) }
```


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

```
.border{ border-color:rgb(117, 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(117, 12, 12) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 12, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 12, 12);  
box-shadow:4px 4px 4px 4px rgb(117, 12,  
12) }
```

Background

The CSS property to change the background color of an element to YUV 43.3950, -15.4777, 64.5516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 12, 12) }
```

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

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