

# Converting Colors

YUV(43.5790, -14.5824,  
57.3742)

Have a look what the booklet for  
YUV(43.5790, -14.5824, 57.3742)  
contains.

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# Color

**YUV(43.5790, -14.5824,  
57.3742)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6D100E
RGB	109, 16, 14
RGB Percent	43%, 6%, 5%
CMY	0.5725, 0.9373, 0.9451
CMYK	0.00, 0.85, 0.87, 0.57
HSL	1°, 77%, 24%
HSV	1°, 87%, 43%
XYZ	6.5712, 3.6535, 0.7743
YIQ	43.5790, 56.0700, 19.0940

# Conversions

## Conversions Part 2

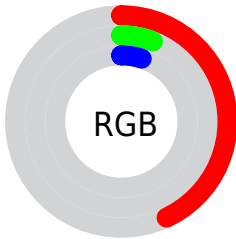
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	109, 16, 14
Decimal	7147534
CIE Lab	22.49, 39.30, 27.70
CIE LCh	22, 48.085, 35.178
Yxy	3.6535, 0.5974, 0.3322
Android (android.graphics.Color)	4285337614 (0xFF6D100E)
YUV	43.5790, -14.5824, 57.3742
Hunter-Lab	19.1141, 27.9167, 10.9780

# Details

The YUV color **43.5790, -14.5824, 57.3742** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **79.4210, 14.5824, -57.3742**, and the grayscale version is **44.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **96.9340, -19.6875, 61.4479**, and **16.1460, -7.9600, 33.1980** is the 20% darker color. If you saturate the color by 10%, you get **35.8680, -16.2039, 64.1368**, and if you desaturate by 10%, it is **51.2900, -12.9610, 50.6117**.

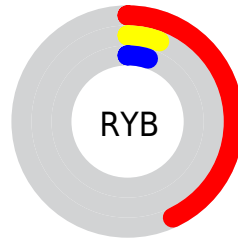
# Distribution



Red (43%)

Green (6%)

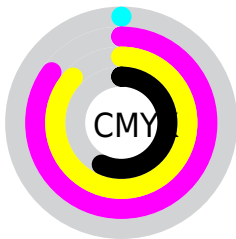
Blue (5%)



Red (43%)

Yellow (6%)

Blue (5%)

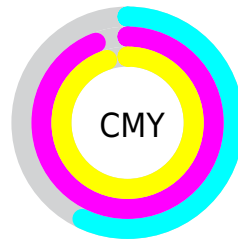


Cyan (0%)

Magenta (85%)

Yellow (87%)

Black (57%)



Cyan (57%)

Magenta (94%)


Yellow (95%)


# Brightness & Saturation Gradients


These gradients show how the YUV color 43.5790, -14.5824, 57.3742 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 43.5790, -14.5824, 57.3742 by changing the saturation by 10% instead.





 43.5790, -14.5824,  
57.3742

 43.5790, -14.5824,  
57.3742


 253.0620, -7.4256,  
1.6996

 24.2190, -11.9400,  
49.7969


 96.9340, -19.6875,  
61.4479

 16.1460, -7.9600,  
33.1980


 123.7880,  
-21.5875, 64.2069

 5.0830, -2.5059,  
10.4512

 150.7560,  
-23.0507, 66.8660


 0.0000, 0.0000,  
0.0000


 177.8270,  
-24.0717, 67.6807


 196.7540,  
-20.0917, 51.0817


 216.1540,


-16.8379, 34.0679


 236.3690,  
-12.9999, 16.3394


 43.5790, -14.5824,  
57.3742


 43.5790, -14.5824,  
57.3742


 35.8680, -16.2039,  
64.1368


 51.2900, -12.9610,  
50.6117

 33.7650, -16.6461,  
65.9811

 58.4140, -11.0501,  
44.3639

 66.1250, -9.4286,  
37.6014

 73.8360, -7.8071,  
30.8388

 80.8460, -6.3331,  
24.6911

■ 88.5570, -4.7116,  
17.9285

■ 96.2680, -3.0901,  
11.1660

■ 103.3920, -1.1793,  
4.9182

■ 111.1030, 0.4422,  
-1.8443

# Harmonies

## Analogous

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



39.6720, 4.5987, 65.1857



43.5790, -14.5824, 57.3742



50.3900, -24.8423, 34.7380

# Triad

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



43.5790, -14.5824, 57.3742



41.7230, -10.2164, -36.5911



47.8230, 38.5413, -41.9408

# Complementary

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



43.5790, -14.5824, 57.3742



79.4210, 14.5824, -57.3742

# 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.



51.7210, 33.1685, -45.3593



43.5790, -14.5824, 57.3742



46.6420, 6.0925, -40.9050

# Square

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



43.5790, -14.5824, 57.3742



44.1570, -21.7694, -17.6777



50.6320, 21.3804, -44.4043



54.2910, 28.9435, 3.2528



# Rectangle

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



43.5790, -14.5824, 57.3742



50.8780, -25.0829, 18.5240



50.6320, 21.3804, -44.4043



49.5840, 37.6731, -43.4852

# Sweetspot

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



43.5790, -14.5824, 57.3742



117.0630, -5.4541, 22.7467



53.0070, 26.6185, 49.1059



56.1650, -3.5323, 13.0103



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000



# Same Dimension

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



43.5790, -14.5824, 57.3742



44.5180, -21.9474, 86.3687



71.1680, -28.1838, 33.1787



49.7940, -0.8844, 3.6887



36.1570, -17.8254, 70.8993



76.1900, -37.5617, 148.0464



# Inverse Universe

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



79.4210, 14.5824, -57.3742



98.4820, 21.9474, -86.3687



51.8320, 28.1838, -33.1787



51.6190, 1.1738, -3.1739



80.8430, 17.8254, -70.8993



168.8100, 37.5617, -148.0464



# Previews

## White Background



This preview shows how the YUV color 43.5790, -14.5824, 57.3742 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

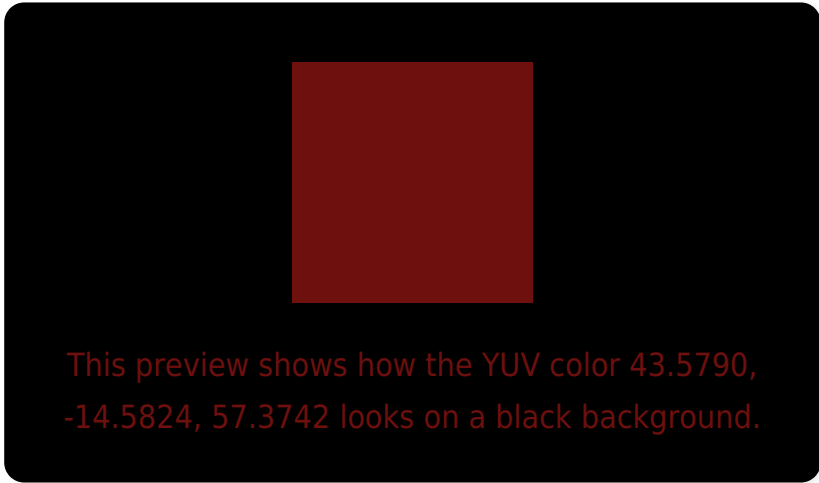
Any Text WCAG AA ✓ Pass

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

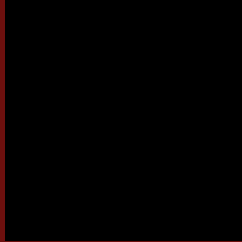
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 43.5790, -14.5824, 57.3742

## Background



This preview shows how black text looks on a background with the YUV color 43.5790, -14.5824, 57.3742.



This preview shows how white text looks on a background with the YUV color 43.5790, -14.5824,



# 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

43.5790, -14.5824, 57.3742

### Protanopia

54.3310, -15.4462, 7.6027

### Deuteranopia

52.3400, -25.8036, 16.3648



## Tritanopia

43.5790, -14.5824, 57.3742

# Trichromacy



## Original Color

43.5790, -14.5824, 57.3742

## Protanomaly

50.2670, -14.9216, 26.0758

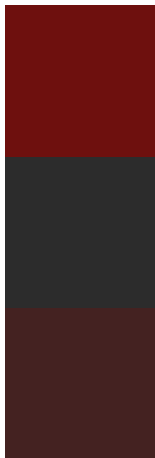
## Deuteranomaly

49.4650, -21.9212, 31.1642

## Tritanomaly

43.5790, -14.5824, 57.3742

# Monochromacy



## Original Color

43.5790, -14.5824, 57.3742

## Achromatopsia

44.0000, 0.0000, 0.0000

## Achromatomaly

44.0520, -5.4486, 21.0024

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 43.5790, -14.5824, 57.3742 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(109, 16, 14)` looks like.

```
.text, #text, p{  
    color:rgb(109, 16, 14)  
}
```

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(109, 16, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 16, 14) }
```

## Border

The CSS property to change the border of an element to YUV 43.5790, -14.5824, 57.3742 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(109, 16, 14) }
```



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

```
.border{ border-color:rgb(109, 16, 14) }
```

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

Here you see how a box with a 4 pixel rgb(109, 16, 14) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 16, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 16, 14);  
box-shadow:4px 4px 4px 4px rgb(109, 16,  
14) }
```

# Background

The CSS property to change the background color of an element to YUV 43.5790, -14.5824, 57.3742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 16, 14) }
```

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

```
.background{ background-color: rgb(109, 16,  
14) }
```

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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