

# Converting Colors

YUV(43.6420, -6.7255, 57.3190)

Have a look what the booklet for  
YUV(43.6420, -6.7255, 57.3190)  
contains.

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# Color

**YUV(43.6420, -6.7255,  
57.3190)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6D0D1E
RGB	109, 13, 30
RGB Percent	43%, 5%, 12%
CMY	0.5725, 0.9490, 0.8824
CMYK	0.00, 0.88, 0.72, 0.57
HSL	349°, 79%, 24%
HSV	349°, 88%, 43%
XYZ	6.6849, 3.6328, 1.5772
YIQ	43.6420, 51.7590, 25.6390

# Conversions

## Conversions Part 2

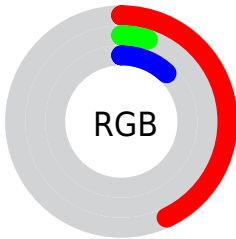
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	109, 13, 30
Decimal	7146782
CIE <sub>Lab</sub>	22.42, 40.79, 17.49
CIE <sub>LCh</sub>	22, 44.384, 23.201
Yxy	3.6328, 0.5620, 0.3054
Android (android.graphics.Color)	4285336862 (0xFF6D0D1E)
YUV	43.6420, -6.7255, 57.3190
Hunter-Lab	19.0599, 29.2511, 8.4358

# Details

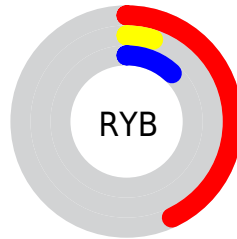
The YUV color **43.6420, -6.7255, 57.3190** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **78.3580, 6.7255, -57.3190**, and the grayscale version is **44.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **97.8720, -12.2619, 59.7483**, and **16.5590, -7.6706, 33.7128** is the 20% darker color. If you saturate the color by 10%, you get **36.1590, -7.4734, 63.8816**, and if you desaturate by 10%, it is **51.1250, -5.9776, 50.7564**.

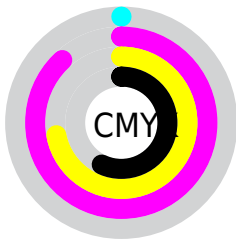
# Distribution



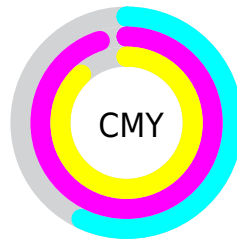
- Red (43%)
- Green (5%)
- Blue (12%)



- Red (43%)
- Yellow (5%)
- Blue (12%)



- Cyan (0%)
- Magenta (88%)
- Yellow (72%)
- Black (57%)



- Cyan (57%)
- Magenta (95%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 43.6420, -6.7255, 57.3190 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 43.6420, -6.7255, 57.3190 by changing the saturation by 10% instead.



■ 43.6420, -6.7255,  
57.3190

■ 43.6420, -6.7255,  
57.3190

255.0000, 0.0000,  
0.0000

■ 24.9030, -9.3192,  
49.1971

■ 97.8720, -12.2619,  
59.7483

■ 16.5590, -7.6706,  
33.7128

■ 124.5410,  
-13.5777, 61.7925

■ 5.6810, -2.8007,  
11.6808

■ 151.6230,  
-14.6041, 64.3516

■ 0.0000, 0.0000,  
0.0000

■ 179.4060,  
-15.4832, 66.2959

■ 198.2190,  
-11.9400, 49.7969

■ 217.8470, -7.8126,

32.5832

■ 238.0620, -3.9746,  
14.8546

■ 43.6420, -6.7255,  
57.3190

■ 43.6420, -6.7255,  
57.3190

■ 36.1590, -7.4734,  
63.8816

■ 51.1250, -5.9776,  
50.7564

■ 34.7570, -7.7682,  
65.1111

■ 58.6080, -5.2297,  
44.1938

■ 66.0910, -4.4819,  
37.6312

■ 73.5740, -3.7340,  
31.0686

■ 80.4700, -2.6967,  
25.0208

■ 87.9530, -1.9488,  
18.4582

■ 95.4360, -1.2009,  
11.8956

■ 102.9190, -0.4531,  
5.3330

■ 110.4020, 0.2948,  
-1.2296

# Harmonies

## Analogous

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



43.8710, 9.4306, 55.3641



43.6420, -6.7255, 57.3190



48.6620, -23.9904, 41.5154

# Triad

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



43.6420, -6.7255, 57.3190



39.0670, -15.3160, -34.2618



48.9000, 35.0523, -42.8853

# Complementary

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



43.6420, -6.7255, 57.3190



78.3580, 6.7255, -57.3190

# 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.



50.8260, 27.2008, -44.5744



43.6420, -6.7255, 57.3190



44.4590, 0.2667, -38.9905

# Square

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



43.6420, -6.7255, 57.3190



47.4900, -23.4126, -3.9377



48.9220, 14.8285, -42.9046



49.9570, 32.0662, -18.3793



# Rectangle

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



43.6420, -6.7255, 57.3190



50.9330, -25.1100, 27.2458



48.9220, 14.8285, -42.9046



50.3190, 32.8737, -44.1298

# Sweetspot

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



43.6420, -6.7255, 57.3190



117.7470, -2.8333, 22.1469



47.2660, 30.4349, 38.3547



56.0340, -1.4958, 13.1252



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.



43.6420, -6.7255, 57.3190



45.6070, -10.1593, 85.4137



59.3140, -22.8328, 43.5746



49.9080, -0.4476, 3.5887



37.3770, -8.0739, 69.8294



78.1570, -17.3324, 146.3213



# Inverse Universe

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



43.6420, -6.7255, 57.3190



45.6070, -10.1593, 85.4137



62.6860, 22.8328, -43.5746



49.9080, -0.4476, 3.5887



37.3770, -8.0739, 69.8294

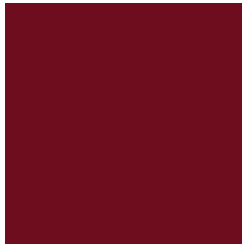


78.1570, -17.3324, 146.3213



# Previews

## White Background



This preview shows how the YUV color 43.6420, -6.7255, 57.3190 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

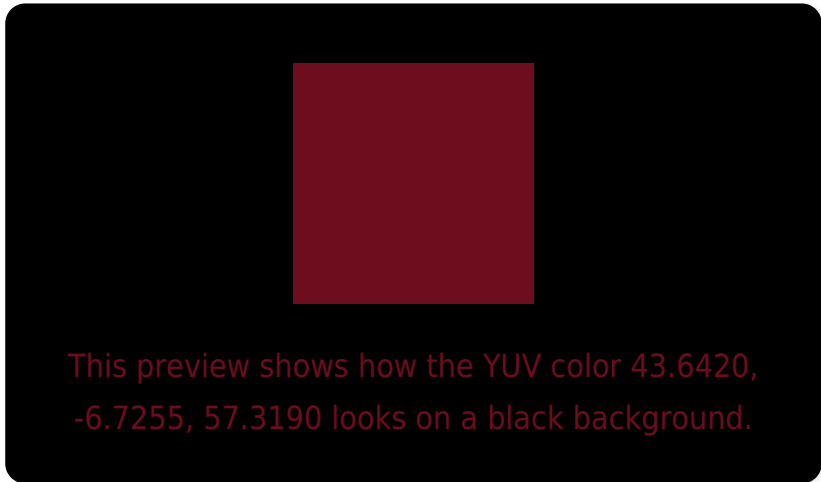
Any Text WCAG AA ✓ Pass

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

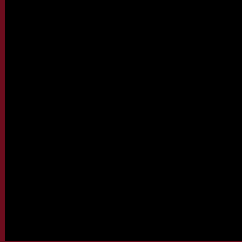
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 43.6420, -6.7255, 57.3190

## Background



This preview shows how black text looks on a background with the YUV color 43.6420, -6.7255, 57.3190.



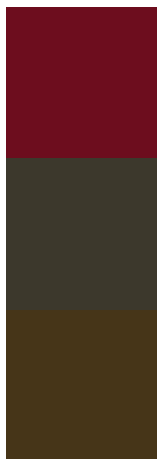
This preview shows how white text looks on a background with the YUV color 43.6420, -6.7255,



# 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

43.6420, -6.7255, 57.3190

### Protanopia

55.8280, -5.8312, 3.6588

### Deuteranopia

54.7770, -15.1731, 13.3506



## Tritanopia

44.2800, -14.4350, 56.7594

# Trichromacy



## Original Color

43.6420, -6.7255, 57.3190

## Protanomaly

51.2480, -6.0383, 23.4615

## Deuteranomaly

50.3860, -12.0223, 29.4795

## Tritanomaly

44.2630, -11.9617, 56.7743

# Monochromacy



## Original Color

43.6420, -6.7255, 57.3190

## Achromatopsia

44.0000, 0.0000, 0.0000

## Achromatomaly

44.1490, -2.5385, 20.9173

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 43.6420, -6.7255, 57.3190 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, 13, 30)` looks like.

```
.text, #text, p{  
    color:rgb(109, 13, 30)  
}
```

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, 13, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 13, 30) }
```

## Border

The CSS property to change the border of an element to YUV 43.6420, -6.7255, 57.3190 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, 13, 30) }
```



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

```
.border{ border-color:rgb(109, 13, 30) }
```

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

Here you see how a box with a 4 pixel rgb(109, 13, 30) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 13, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 13, 30);  
box-shadow:4px 4px 4px 4px rgb(109, 13,  
30) }
```

# Background

The CSS property to change the background color of an element to YUV 43.6420, -6.7255, 57.3190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 13, 30) }
```

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

```
.background{ background-color: rgb(109, 13,  
30) }
```

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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