

# Converting Colors

YUV(57.1460, -21.2710,  
56.0000)

Have a look what the booklet for  
YUV(57.1460, -21.2710, 56.0000)  
contains.

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# Color

**YUV(57.1460, -21.2710,  
56.0000)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	79210E
RGB	121, 33, 14
RGB Percent	47%, 13%, 5%
CMY	0.5255, 0.8706, 0.9451
CMYK	0.00, 0.73, 0.88, 0.53
HSL	11°, 79%, 26%
HSV	11°, 88%, 47%
XYZ	8.5083, 5.1844, 0.9677
YIQ	57.1460, 58.5470, 12.7470

# Conversions

## Conversions Part 2

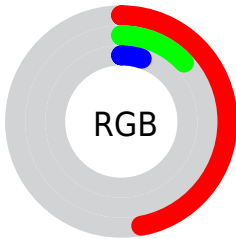
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	121, 37, 14
Decimal	7938318
CIE <sub>Lab</sub>	27.25, 37.23, 33.15
CIE <sub>LCh</sub>	27, 49.848, 41.680
Yxy	5.1844, 0.5804, 0.3536
Android (android.graphics.Color)	4286128398 (0xFF79210E)
YUV	57.1460, -21.2710, 56.0000
Hunter-Lab	22.7692, 26.8549, 13.4186

# Details

The YUV color **57.1460, -21.2710, 56.0000** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **77.8540, 21.2710, -56.0000**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **109.1530, -25.2184, 62.1328**, and **19.1360, -9.4340, 39.3457** is the 20% darker color. If you saturate the color by 10%, you get **49.9080, -23.6186, 62.3477**, and if you desaturate by 10%, it is **64.3840, -18.9233, 49.6522**.

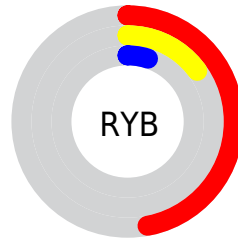
# Distribution



Red (47%)

Green (13%)

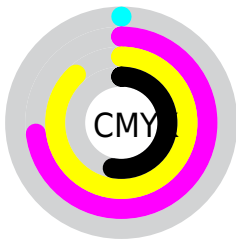
Blue (5%)



Red (47%)

Yellow (15%)

Blue (5%)

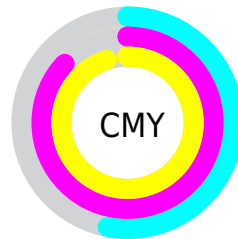


Cyan (0%)

Magenta (73%)

Yellow (88%)

Black (53%)



Cyan (53%)

Magenta (87%)


Yellow (95%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 57.1460, -21.2710, 56.0000 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 57.1460, -21.2710, 56.0000 by changing the saturation by 10% instead.




 57.1460, -21.2710,  
56.0000


 57.1460, -21.2710,  
56.0000


 253.4040, -6.1152,  
1.3997

 29.5680, -14.5770,  
55.6299


 109.1530,  
-25.2184, 62.1328

 19.1360, -9.4340,  
39.3457

 136.1210,  
-26.6817, 64.7919

 11.7750, -5.3121,  
23.8763

 163.0890,  
-28.1449, 67.4509

 0.0000, 0.0000,  
0.0000

 186.3870,  
-26.8128, 60.1736

 205.7870,  
-23.5590, 43.1598

 225.3010,

-19.8684, 26.0460

■ 245.5160,  
-16.0304, 8.3175

■ 57.1460, -21.2710,  
56.0000

■ 57.1460, -21.2710,  
56.0000

■ 49.9080, -23.6186,  
62.3477

■ 64.3840, -18.9233,  
49.6522

■ 48.5060, -23.9135,  
63.5772

■ 71.6220, -16.5756,  
43.3045

■ 78.8600, -14.2280,  
36.9568

■ 86.0980, -11.8803,  
30.6091

■ 93.3360, -9.5326,  
24.2613

■ 100.6880, -6.7482,  
17.8136

■ 107.9260, -4.4005,  
11.4659

■ 115.1640, -2.0529,  
5.1182

■ 122.4020, 0.2948,  
-1.2296

# Harmonies

## Analogous

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



49.9670, 0.5093, 70.1889



57.1460, -21.2710, 56.0000



61.2990, -30.2204, 33.0638

# Triad

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



57.1460, -21.2710, 56.0000



50.8190, -5.8268, -44.5683



53.5280, 42.6307, -46.9441

# Complementary

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



57.1460, -21.2710, 56.0000



77.8540, 21.2710, -56.0000

# 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.



59.6430, 38.1370, -52.3069



57.1460, -21.2710, 56.0000



56.5530, 11.0664, -49.5970

# Square

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



57.1460, -21.2710, 56.0000



49.1080, -24.2102, -28.1587



60.0700, 27.0805, -52.6814



65.7270, 27.7426, 15.1484



# Rectangle

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



57.1460, -21.2710, 56.0000



60.8900, -30.0188, 15.0055



60.0700, 27.0805, -52.6814



56.6910, 42.0573, -49.7180

# Sweetspot

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



57.1460, -21.2710, 56.0000



132.5530, -8.6536, 22.3170



56.1390, 23.1025, 56.8831



63.8230, -4.8427, 13.3102



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.



57.1460, -21.2710, 56.0000



63.6780, -31.3933, 82.7204



87.6700, -36.3193, 29.2304



57.3810, -1.1738, 3.1739



50.2890, -24.7925, 65.5215



101.7630, -50.1692, 131.7578



# Inverse Universe

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



77.8540, 21.2710, -56.0000



94.3220, 31.3933, -82.7204



47.3300, 36.3193, -29.2304



58.6190, 1.1738, -3.1739



74.7110, 24.7925, -65.5215



150.8240, 49.8798, -132.2726



# Previews

## White Background



This preview shows how the YUV color 57.1460, -21.2710, 56.0000 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

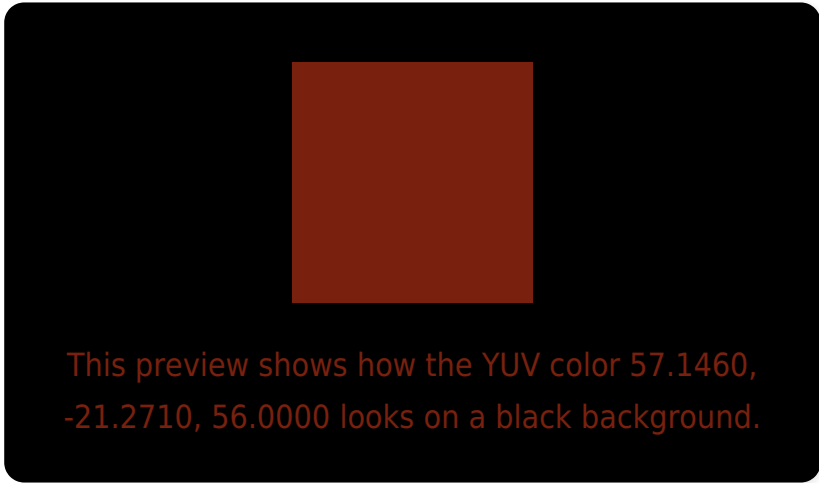
Any Text WCAG AA ✓ Pass

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

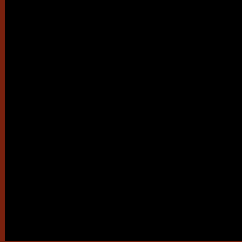
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 57.1460, -21.2710, 56.0000

## Background



This preview shows how black text looks on a background with the YUV color 57.1460, -21.2710, 56.0000.



This preview shows how white text looks on a background with the YUV color 57.1460, -21.2710,

56.0000.

# 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

57.1460, -21.2710, 56.0000

### Protanopia

63.3760, -20.3984, 9.3172

### Deuteranopia

61.7980, -30.4664, 18.5942



## Tritanopia

58.0240, -12.8298, 55.2300

# Trichromacy



## Original Color

57.1460, -21.2710, 56.0000

## Protanomaly

61.0730, -20.7420, 26.2460

## Deuteranomaly

60.0970, -27.1628, 32.3639

## Tritanomaly

57.8130, -16.1768, 55.4150

# Monochromacy



## Original Color

57.1460, -21.2710, 56.0000

## Achromatopsia

57.0000, 0.0000, 0.0000

## Achromatomaly

56.7700, -7.7746, 20.3727

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 57.1460, -21.2710, 56.0000 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(121, 33, 14)` looks like.

```
.text, #text, p{  
    color:rgb(121, 33, 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(121, 33, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 33, 14) }
```

## Border

The CSS property to change the border of an element to YUV 57.1460, -21.2710, 56.0000 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(121, 33, 14) }
```



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

```
.border{ border-color:rgb(121, 33, 14) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 33, 14)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 33, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 33, 14);  
box-shadow:4px 4px 4px 4px rgb(121, 33,  
14) }
```

# Background

The CSS property to change the background color of an element to YUV 57.1460, -21.2710, 56.0000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 33, 14) }
```

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

```
.background{ background-color: rgb(121, 33,  
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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