

# Converting Colors

YUV(61.6210, -15.0962,  
35.4124)

Have a look what the booklet for  
YUV(61.6210, -15.0962, 35.4124)  
contains.

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# Color

**YUV(61.6210, -15.0962,  
35.4124)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	662F1F
RGB	102, 47, 31
RGB Percent	40%, 18%, 12%
CMY	0.6000, 0.8157, 0.8784
CMYK	0.00, 0.54, 0.70, 0.60
HSL	14°, 53%, 26%
HSV	14°, 70%, 40%
XYZ	6.7433, 4.9567, 1.8977
YIQ	61.6210, 37.9160, 6.6840

# Conversions

## Conversions Part 2

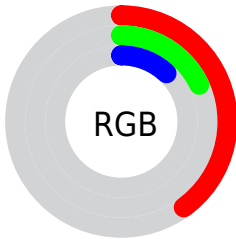
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	102, 52, 31
Decimal	6696735
CIE Lab	26.61, 23.32, 21.61
CIE LCh	27, 31.796, 42.824
Yxy	4.9567, 0.4959, 0.3645
Android (android.graphics.Color)	4284886815 (0xFF662F1F)
YUV	61.6210, -15.0962, 35.4124
Hunter-Lab	22.2637, 15.1032, 10.5310

# Details

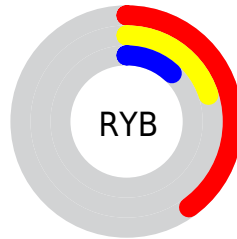
The YUV color **61.6210, -15.0962, 35.4124** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **71.3790, 15.0962, -35.4124**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **110.6710, -17.5858, 40.6305**, and **16.1240, -7.9491, 29.7093** is the 20% darker color. If you saturate the color by 10%, you get **55.7850, -17.1490, 40.5306**, and if you desaturate by 10%, it is **67.4570, -13.0433, 30.2942**.

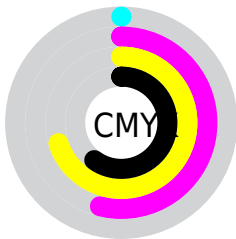
# Distribution



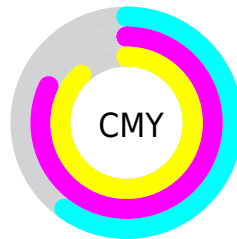
- Red (40%)
- Green (18%)
- Blue (12%)



- Red (40%)
- Yellow (20%)
- Blue (12%)



- Cyan (0%)
- Magenta (54%)
- Yellow (70%)
- Black (60%)



- Cyan (60%)
- Magenta (82%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 61.6210, -15.0962, 35.4124 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 61.6210, -15.0962, 35.4124 by changing the saturation by 10% instead.



■ 61.6210, -15.0962,  
35.4124

■ 61.6210, -15.0962,  
35.4124

255.0000, 0.0000,  
0.0000

■ 38.3110, -14.9433,  
33.0533

■ 110.6710,  
-17.5858, 40.6305

■ 16.1240, -7.9491,  
29.7093

■ 136.4540,  
-18.4648, 42.5748

■ 5.9800, -2.9481,  
12.2955

■ 163.2370,  
-19.3438, 44.5192

■ 0.0000, 0.0000,  
0.0000

■ 190.7210,  
-20.0755, 45.8487

■ 213.8230,  
-18.1537, 36.1122

■ 233.4510,

-14.0263, 18.8985

■ 252.4920, -9.6096,  
2.1995

■ 61.6210, -15.0962,  
35.4124

■ 61.6210, -15.0962,  
35.4124

■ 55.7850, -17.1490,  
40.5306

■ 67.4570, -13.0433,  
30.2942

■ 49.9490, -19.2019,  
45.6487

■ 73.2930, -10.9904,  
25.1760

■ 43.9990, -21.6915,  
50.8669

■ 79.2430, -8.5008,  
19.9579

■ 85.0790, -6.4479,  
14.8397

■ 90.9150, -4.3951,  
9.7215

■ 96.1640, -2.0529,  
5.1182

■ 102.0000, 0.0000,  
0.0000

■ 107.9500, 2.4897,  
-5.2181

■ 113.7860, 4.5425,  
-10.3363

# Harmonies

## Analogous

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



62.1020, -4.4873, 39.3755



61.6210, -15.0962, 35.4124



61.0680, -23.2045, 22.7424

# Triad

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



61.6210, -15.0962, 35.4124



48.9100, -0.4486, -42.8941



59.6980, 24.7989, -20.7831

# Complementary

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



61.6210, -15.0962, 35.4124



71.3790, 15.0962, -35.4124

# 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.



52.9290, 27.6430, -46.4187



61.6210, -15.0962, 35.4124



52.3470, 10.1819, -45.9083

# Square

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



61.6210, -15.0962, 35.4124



56.1880, -15.3757, -15.0739



53.6810, 20.3703, -47.0782



65.1320, 16.6969, 11.2852



# Rectangle

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



61.6210, -15.0962, 35.4124



59.6600, -24.4824, 12.5762



53.6810, 20.3703, -47.0782



52.0050, 29.0845, -42.1004

# Sweetspot

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



61.6210, -15.0962, 35.4124



116.8940, -5.8637, 14.1250



58.6130, 13.9948, 38.0504



56.5450, -3.2267, 8.2920



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000



# Same Dimension

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



61.6210, -15.0962, 35.4124



69.1630, -23.7444, 55.9850



82.1660, -25.2248, 17.3944



48.0820, -1.0264, 2.5591



49.6470, -24.4760, 57.3146



104.6430, -51.5890, 120.4621



# Inverse Universe

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



71.3790, 15.0962, -35.4124



84.2500, 24.0338, -55.4703



50.8340, 25.2248, -17.3944



48.9180, 1.0264, -2.5591



65.3530, 24.4760, -57.3146



137.9440, 51.2996, -120.9769



# Previews

## White Background



This preview shows how the YUV color 61.6210, -15.0962, 35.4124 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

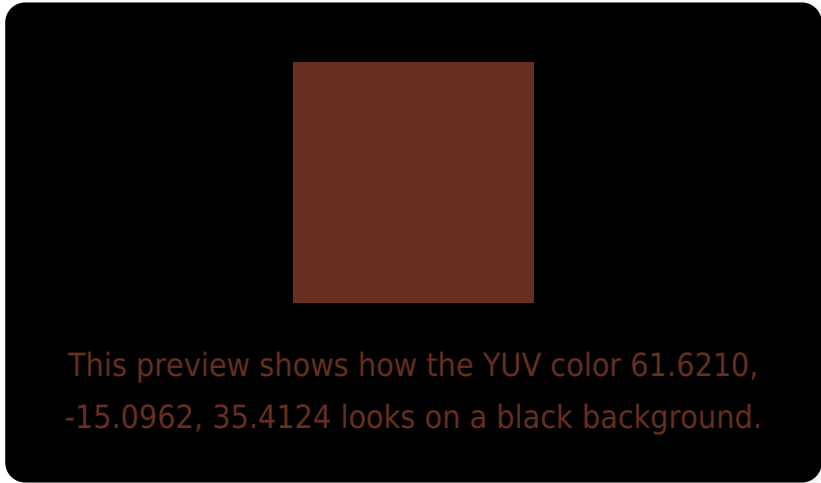
Any Text WCAG AA ✓ Pass

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 61.6210, -15.0962, 35.4124

## Background



This preview shows how black text looks on a background with the YUV color 61.6210, -15.0962, 35.4124.



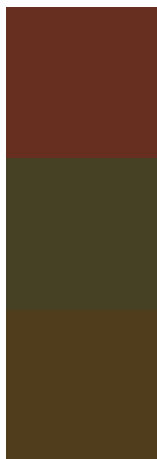
This preview shows how white text looks on a background with the YUV color 61.6210, -15.0962,



# 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

61.6210, -15.0962, 35.4124

### Protanopia

62.7160, -12.6780, 6.3881

### Deuteranopia

62.6200, -17.0677, 14.3653



## Tritanopia

62.6840, -7.2392, 35.3571

# Trichromacy



## Original Color

61.6210, -15.0962, 35.4124

## Protanomaly

62.5540, -13.5841, 17.0541

## Deuteranomaly

62.1910, -16.3632, 21.7575

## Tritanomaly

62.5870, -10.1494, 35.4422

# Monochromacy



## Original Color

61.6210, -15.0962, 35.4124

## Achromatopsia

62.0000, 0.0000, 0.0000

## Achromatomaly

62.2960, -5.5689, 12.8954

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 61.6210, -15.0962, 35.4124 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(102, 47, 31)` looks like.

```
.text, #text, p{  
    color:rgb(102, 47, 31)  
}
```

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(102, 47, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 47, 31) }
```

## Border

The CSS property to change the border of an element to YUV 61.6210, -15.0962, 35.4124 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(102, 47, 31) }
```



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

```
.border{ border-color:rgb(102, 47, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 47, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 47, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 47, 31);  
box-shadow:4px 4px 4px 4px rgb(102, 47,  
31) }
```

# Background

The CSS property to change the background color of an element to YUV 61.6210, -15.0962, 35.4124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 47, 31) }
```

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

```
.background{ background-color: rgb(102, 47,  
31) }
```

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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