

# Converting Colors

YUV(75.0610, -22.2151,  
78.8765)

Have a look what the booklet for  
YUV(75.0610, -22.2151, 78.8765)  
contains.

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# Color

**YUV(75.0610, -22.2151,  
78.8765)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A5261E
RGB	165, 38, 30
RGB Percent	65%, 15%, 12%
CMY	0.3529, 0.8510, 0.8824
CMYK	0.00, 0.77, 0.82, 0.35
HSL	4°, 69%, 38%
HSV	4°, 82%, 65%
XYZ	16.4445, 9.4793, 2.1913
YIQ	75.0610, 78.2600, 24.4360

# Conversions

## Conversions Part 2

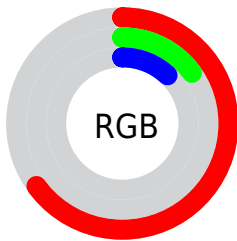
<b>Format</b>	<b>Color</b>
<b>RYB</b>	165, 39, 30
Decimal	10823198
CIELab	36.89, 50.63, 36.79
CIElCh	37, 62.586, 36.004
Yxy	9.4793, 0.5849, 0.3372
Android (android.graphics.Color)	4289013278 (0xFFA5261E)
YUV	75.0610, -22.2151, 78.8765
Hunter-Lab	30.7885, 41.4593, 17.3322

# Details

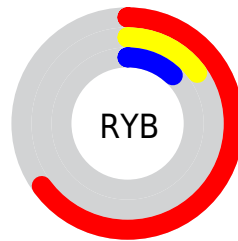
The YUV color **75.0610, -22.2151, 78.8765** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **119.9390, 22.2151, -78.8765**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.6010, -27.9043, 83.6649**, and **31.3950, -15.4777, 64.5516** is the 20% darker color. If you saturate the color by 10%, you get **63.8450, -24.5736, 88.7129**, and if you desaturate by 10%, it is **86.3910, -19.4198, 68.9401**.

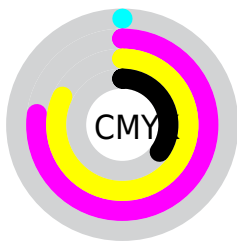
# Distribution



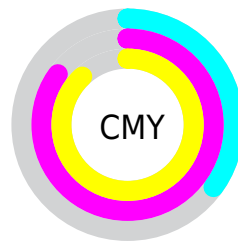
- Red (65%)
- Green (15%)
- Blue (12%)



- Red (65%)
- Yellow (15%)
- Blue (12%)



- Cyan (0%)
- Magenta (77%)
- Yellow (82%)
- Black (35%)




- Cyan (35%)
- Magenta (85%)
- Yellow (88%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 75.0610, -22.2151, 78.8765 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 75.0610, -22.2151, 78.8765 by changing the saturation by 10% instead.





 75.0610, -22.2151,  
78.8765


 75.0610, -22.2151,  
78.8765


255.0000, 0.0000,  
0.0000


 41.2770, -16.4056,  
82.1951


 131.6010,  
-27.9043, 83.6649


 31.3950, -15.4777,  
64.5516

 158.6720,  
-28.9253, 84.4797


 22.4250, -11.0555,  
46.1083

 177.3710,  
-25.8189, 68.0806

 14.5800, -6.2019,  
29.3093

 196.7710,  
-22.5651, 51.0668

 0.0000, 0.0000,  
0.0000

 216.8720,  
-19.1639, 33.4383

 236.9730,

-15.7627, 15.8097

252.6060, -9.1728,  
2.0995

75.0610, -22.2151,  
78.8765

75.0610, -22.2151,  
78.8765

63.8450, -24.5736,  
88.7129

86.3910, -19.4198,  
68.9401

55.2050, -27.2161,  
96.2902

97.0200, -16.7719,  
59.6185

108.3500,  
-13.9765, 49.6821

118.9790,  
-11.3286, 40.3604

130.3090, -8.5333,  
30.4240

■ 140.9380, -5.8854,  
21.1024

■ 152.2680, -3.0901,  
11.1660

■ 162.8970, -0.4422,  
1.8443

■ 174.1130, 1.9163,  
-7.9921

# Harmonies

## Analogous

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



63.0810, 7.8481, 96.3990



75.0610, -22.2151, 78.8765



81.1780, -40.0208, 49.8329

# Triad

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



75.0610, -22.2151, 78.8765



67.0100, -12.3299, -58.7678



74.2620, 56.0728, -65.1278

# Complementary

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



75.0610, -22.2151, 78.8765



119.9390, 22.2151, -78.8765

# 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.



80.9810, 48.8164, -71.0203



75.0610, -22.2151, 78.8765



74.3400, 10.6784, -65.1962

# Square

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



75.0610, -22.2151, 78.8765



70.9590, -34.9828, -26.2740



79.9260, 32.0815, -70.0951



87.8860, 39.9892, 7.1160



# Rectangle

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



75.0610, -22.2151, 78.8765



82.2090, -40.5290, 26.1267



79.9260, 32.0815, -70.0951



77.8980, 54.7733, -68.3165

# Sweetspot

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



75.0610, -22.2151, 78.8765



178.6080, -8.6807, 31.0388



84.9570, 36.0102, 70.1977



85.7420, -5.2958, 18.6433



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000



# Same Dimension

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



75.0610, -22.2151, 78.8765



74.4210, -34.7176, 122.4108



113.8030, -41.3149, 44.8998



76.2780, -1.6161, 5.0182



48.6380, -23.9785, 84.5095



5.9690, -2.9427, 10.5512

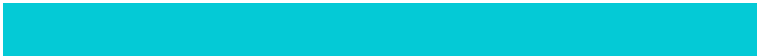


# Inverse Universe

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



119.9390, 22.2151, -78.8765



144.1660, 34.4282, -122.9256



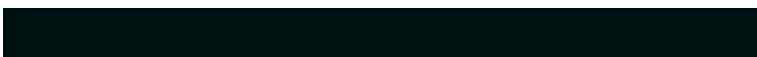
81.1970, 41.3149, -44.8998



78.7220, 1.6161, -5.0182



96.9490, 23.6891, -85.0243



12.0310, 2.9427, -10.5512



# Previews

## White Background



This preview shows how the YUV color 75.0610, -22.2151, 78.8765 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

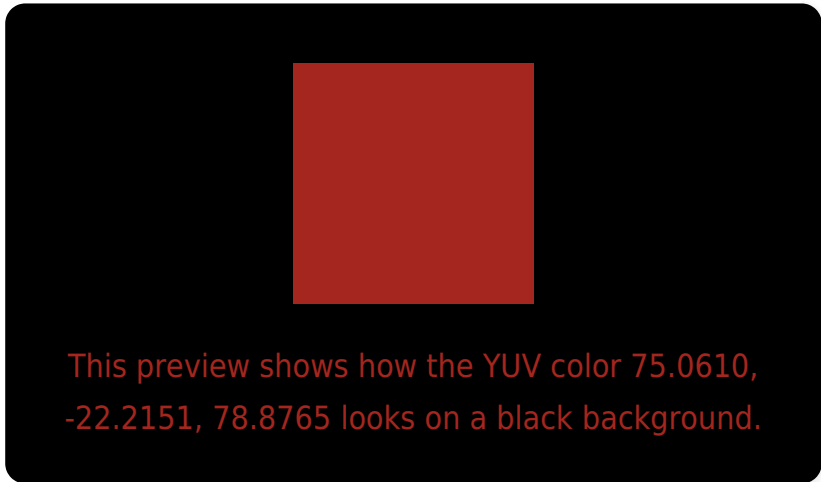
Any Text WCAG AA ✓ Pass

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 75.0610, -22.2151, 78.8765

## Background



This preview shows how black text looks on a background with the YUV color 75.0610, -22.2151, 78.8765.



This preview shows how white text looks on a background with the YUV color 75.0610, -22.2151,



# 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

75.0610, -22.2151, 78.8765

### Protanopia

85.5610, -20.9826, 10.0320

### Deuteranopia

84.4350, -33.2455, 23.2975



## Tritanopia

75.3860, -18.4313, 78.5915

# Trichromacy



## Original Color

75.0610, -22.2151, 78.8765

## Protanomaly

81.9000, -21.6427, 35.1677

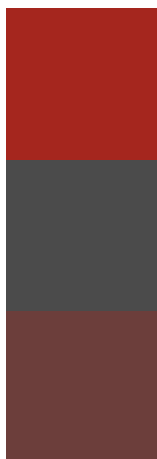
## Deuteranomaly

81.0060, -29.0900, 43.8447

## Tritanomaly

75.0440, -19.7417, 78.8914

# Monochromacy



## Original Color

75.0610, -22.2151, 78.8765

## Achromatopsia

75.0000, 0.0000, 0.0000

## Achromatomaly

75.4120, -8.0911, 28.5797

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 75.0610, -22.2151, 78.8765 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(165, 38, 30)` looks like.

```
.text, #text, p{  
    color:rgb(165, 38, 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(165, 38, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 38, 30) }
```

## Border

The CSS property to change the border of an element to YUV 75.0610, -22.2151, 78.8765 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(165, 38, 30) }
```



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

```
.border{ border-color:rgb(165, 38, 30) }
```

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

Here you see how a box with a 4 pixel rgb(165, 38, 30) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 38, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 38, 30);  
box-shadow:4px 4px 4px 4px rgb(165, 38,  
30) }
```

# Background

The CSS property to change the background color of an element to YUV 75.0610, -22.2151, 78.8765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 38, 30) }
```

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

```
.background{ background-color: rgb(165, 38,  
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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