

Converting Colors

YUV(57.0730, -13.8400,
52.5560)

Have a look what the booklet for
YUV(57.0730, -13.8400, 52.5560)
contains.

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Color

**YUV(57.0730, -13.8400,
52.5560)**

Conversions

Conversions Part 1

Format	Color
Hex	75201D
RGB	117, 32, 29
RGB Percent	46%, 13%, 11%
CMY	0.5412, 0.8745, 0.8863
CMYK	0.00, 0.73, 0.75, 0.54
HSL	2°, 60%, 29%
HSV	2°, 75%, 46%
XYZ	8.0744, 4.9036, 1.6833
YIQ	57.0730, 51.6230, 17.0870

Conversions

Conversions Part 2

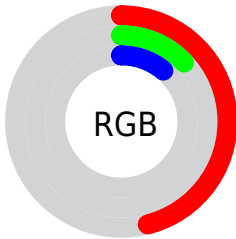
Format	Color
R_{YB}	117, 32, 29
Decimal	7675933
CIE Lab	26.46, 36.79, 23.38
CIE LCh	26, 43.590, 32.437
Yxy	4.9036, 0.5507, 0.3345
Android (android.graphics.Color)	4285866013 (0xFF75201D)
YUV	57.0730, -13.8400, 52.5560
Hunter-Lab	22.1442, 26.3340, 10.9939

Details

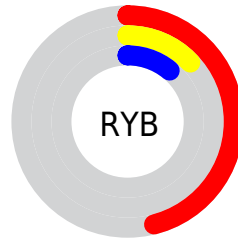
The YUV color **57.0730, -13.8400, 52.5560** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **88.9270, 13.8400, -52.5560**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **108.4820, -17.4926, 57.4593**, and **18.5380, -9.1392, 38.1162** is the 20% darker color. If you saturate the color by 10%, you get **49.2480, -15.8983, 59.4185**, and if you desaturate by 10%, it is **64.8980, -11.7817, 45.6935**.

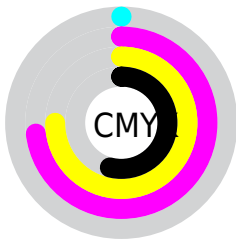
Distribution



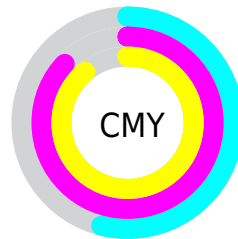
- Red (46%)
- Green (13%)
- Blue (11%)



- Red (46%)
- Yellow (13%)
- Blue (11%)



- Cyan (0%)
- Magenta (73%)
- Yellow (75%)
- Black (54%)



- Cyan (54%)
- Magenta (87%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 57.0730, -13.8400, 52.5560 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 57.0730, -13.8400, 52.5560 by changing the saturation by 10% instead.

■ 57.0730, -13.8400,
52.5560

■ 57.0730, -13.8400,
52.5560

255.0000, 0.0000,
0.0000

■ 28.3550, -11.5140,
53.1857

■ 108.4820,
-17.4926, 57.4593

■ 18.5380, -9.1392,
38.1162

■ 135.4500,
-18.9558, 60.1184

■ 10.5790, -4.7224,
21.4172

■ 162.5320,
-19.9823, 62.6774

■ 0.0000, 0.0000,
0.0000

■ 187.5100,
-19.9714, 59.1887

■ 207.0240,
-16.2808, 42.0750

■ 226.6520,

-12.1534, 24.8612

246.8670, -8.3154,
7.1326

57.0730, -13.8400,
52.5560

57.0730, -13.8400,
52.5560

49.2480, -15.8983,
59.4185

64.8980, -11.7817,
45.6935

40.9500, -17.2303,
66.6959

73.1960, -10.4496,
38.4161

37.3310, -18.4042,
69.8697

81.0210, -8.3914,
31.5536

88.8460, -6.3331,
24.6911

97.2580, -4.5642,
17.3137

■ 104.9690, -2.9427,
10.5512

■ 112.7940, -0.8844,
3.6887

■ 120.6190, 1.1738,
-3.1739

■ 128.9170, 2.5059,
-10.4512

Harmonies

Analogous

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



56.3350, 2.2998, 55.8342



57.0730, -13.8400, 52.5560



58.9620, -29.0683, 36.8673

Triad

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



57.0730, -13.8400, 52.5560



47.4450, -8.6004, -41.6093



53.5620, 37.6839, -46.9739

Complementary

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



57.0730, -13.8400, 52.5560



88.9270, 13.8400, -52.5560

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.



57.3460, 31.8744, -50.2924



57.0730, -13.8400, 52.5560



52.4950, 5.6720, -46.0381

Square

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



57.0730, -13.8400, 52.5560



53.9360, -26.5904, -11.3449



56.3710, 20.5231, -49.4374



63.2260, 27.4966, 0.6788

Rectangle

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



57.0730, -13.8400, 52.5560



59.1620, -29.1669, 21.7829



56.3710, 20.5231, -49.4374



55.2090, 36.3790, -48.4183

Sweetspot

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



57.0730, -13.8400, 52.5560



129.0520, -5.4486, 21.0024



65.0020, 24.1560, 45.6022



62.1650, -3.5323, 13.0103



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



57.0730, -13.8400, 52.5560



59.1970, -21.7891, 82.2652



82.9010, -26.5732, 29.9048



54.7940, -0.8844, 3.6887



38.8260, -19.1412, 72.9436



80.0330, -39.4563, 149.0611

Inverse Universe

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



88.9270, 13.8400, -52.5560



108.8030, 21.7891, -82.2652



63.0990, 26.5732, -29.9048



56.6190, 1.1738, -3.1739



83.1740, 19.1412, -72.9436



169.9670, 39.4563, -149.0611

Previews

White Background



This preview shows how the YUV color 57.0730, -13.8400, 52.5560 looks on a white background.

Color Contrast Check

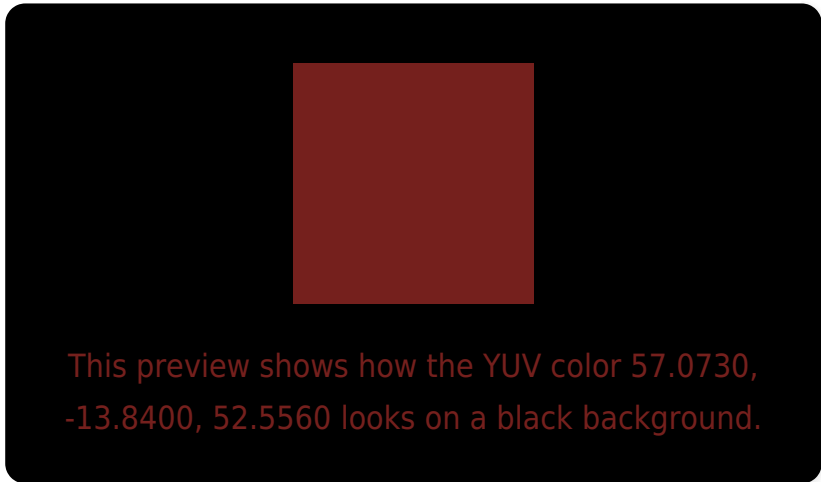
Large Text (above 18pt) WCAG AA ✓ Pass

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

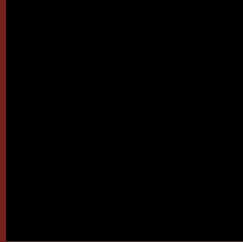
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 57.0730, -13.8400, 52.5560

Background



This preview shows how black text looks on a background with the YUV color 57.0730, -13.8400, 52.5560.

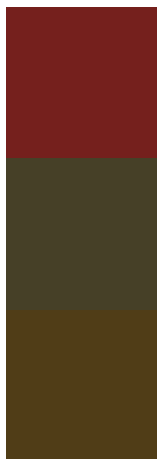


This preview shows how white text looks on a background with the YUV color 57.0730, -13.8400,

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

57.0730, -13.8400, 52.5560

Protanopia

62.9440, -11.8044, 6.1881

Deuteranopia

62.3490, -19.3991, 15.4799



Tritanopia

56.9420, -11.8034, 52.6709

Trichromacy



Original Color

57.0730, -13.8400, 52.5560

Protanomaly

60.5270, -12.5848, 23.2168

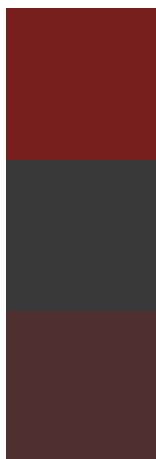
Deuteranomaly

60.0070, -17.2585, 28.9349

Tritanomaly

56.8280, -12.2402, 52.7708

Monochromacy



Original Color

57.0730, -13.8400, 52.5560

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

57.1550, -5.0064, 19.1581

CSS Examples

Text

The CSS property to change the color of the text to YUV 57.0730, -13.8400, 52.5560 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(117, 32, 29)` looks like.

```
.text, #text, p{  
    color:rgb(117, 32, 29)  
}
```

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(117, 32, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 32, 29) }
```

Border

The CSS property to change the border of an element to YUV 57.0730, -13.8400, 52.5560 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(117, 32, 29) }
```


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

```
.border{ border-color:rgb(117, 32, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 32, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 32, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 32, 29);  
box-shadow:4px 4px 4px 4px rgb(117, 32,  
29) }
```

Background

The CSS property to change the background color of an element to YUV 57.0730, -13.8400, 52.5560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 32, 29) }
```

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

```
.background{ background-color: rgb(117, 32,  
29) }
```

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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