

Converting Colors

YUV(60.4090, -13.5126,
40.8603)

Have a look what the booklet for
YUV(60.4090, -13.5126, 40.8603)
contains.

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Color

**YUV(60.4090, -13.5126,
40.8603)**

Conversions

Conversions Part 1

Format	Color
Hex	6B2A21
RGB	107, 42, 33
RGB Percent	42%, 16%, 13%
CMY	0.5804, 0.8353, 0.8706
CMYK	0.00, 0.61, 0.69, 0.58
HSL	7°, 53%, 27%
HSV	7°, 69%, 42%
XYZ	7.1659, 4.8915, 2.0053
YIQ	60.4090, 41.6290, 10.9810

Conversions

Conversions Part 2

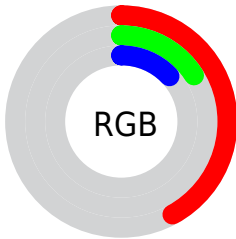
Format	Color
R_{YB}	107, 43, 33
Decimal	7023137
CIE Lab	26.42, 28.37, 20.33
CIE LCh	26, 34.897, 35.626
Yxy	4.8915, 0.5096, 0.3478
Android (android.graphics.Color)	4285213217 (0xFF6B2A21)
YUV	60.4090, -13.5126, 40.8603
Hunter-Lab	22.1168, 19.1299, 10.1060

Details

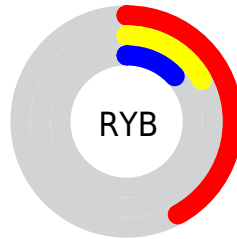
The YUV color **60.4090, -13.5126, 40.8603** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **79.5910, 13.5126, -40.8603**, and the grayscale version is **61.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **110.0460, -16.2917, 45.5637**, and **16.1460, -7.9600, 33.1980** is the 20% darker color. If you saturate the color by 10%, you get **53.8720, -15.7129, 46.5933**, and if you desaturate by 10%, it is **66.9460, -11.3124, 35.1274**.

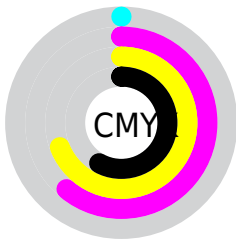
Distribution



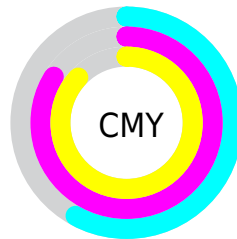
- Red (42%)
- Green (16%)
- Blue (13%)



- Red (42%)
- Yellow (17%)
- Blue (13%)



- Cyan (0%)
- Magenta (61%)
- Yellow (69%)
- Black (58%)



- Cyan (58%)
- Magenta (84%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 60.4090, -13.5126, 40.8603 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 60.4090, -13.5126, 40.8603 by changing the saturation by 10% instead.

60.4090, -13.5126,
40.8603

60.4090, -13.5126,
40.8603

255.0000, 0.0000,
0.0000

35.7400, -12.1968,
38.8160

110.0460,
-16.2917, 45.5637

16.1460, -7.9600,
33.1980

136.1280,
-17.3181, 48.1227

7.8880, -3.3958,
15.8842

163.0250,
-17.7603, 49.9671

0.0000, 0.0000,
0.0000

190.8080,
-18.6393, 51.9114

211.1160,
-15.8332, 38.4863

231.3310,

-11.9952, 20.7577

250.9590, -7.8678,
3.5440

60.4090, -13.5126,
40.8603

60.4090, -13.5126,
40.8603

53.8720, -15.7129,
46.5933

66.9460, -11.3124,
35.1274

46.8620, -17.1870,
52.7410

73.9560, -9.8383,
28.9796

40.3250, -19.3872,
58.4740

80.4930, -7.6380,
23.2466

39.6240, -19.5346,
59.0888

87.6170, -5.7272,
16.9989

94.0400, -3.9637,
11.3659

■ 100.5770, -1.7635,
5.6330

■ 107.7010, 0.1474,
-0.6148

■ 114.2380, 2.3477,
-6.3477

■ 121.2480, 3.8217,
-12.4955

Harmonies

Analogous

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



60.7480, -0.8618, 43.1940



60.4090, -13.5126, 40.8603



60.1720, -24.2418, 28.7902

Triad

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



60.4090, -13.5126, 40.8603



47.2970, -4.0904, -41.4795



50.7920, 32.1475, -44.5446

Complementary

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



60.4090, -13.5126, 40.8603



79.5910, 13.5126, -40.8603

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.



54.3310, 27.9378, -47.6483



60.4090, -13.5126, 40.8603



51.6630, 7.5611, -45.3085

Square

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



60.4090, -13.5126, 40.8603



55.6570, -20.0439, -11.1002



54.0400, 19.2073, -47.3931



64.1250, 20.6444, 5.1524

Rectangle

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



60.4090, -13.5126, 40.8603



59.0690, -28.1350, 17.4795



54.0400, 19.2073, -47.3931



52.5530, 31.2794, -46.0890

Sweetspot

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



60.4090, -13.5126, 40.8603



121.4320, -5.1430, 16.2841



62.5360, 17.4838, 38.9949



60.2570, -3.0847, 9.4216



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.



60.4090, -13.5126, 40.8603



66.9020, -21.1507, 64.1069



82.1280, -24.2201, 21.8127



50.3810, -1.1738, 3.1739



43.2010, -21.2981, 64.7217



90.8650, -44.7964, 135.1764

Inverse Universe

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



79.5910, 13.5126, -40.8603



97.0980, 21.1507, -64.1069



57.8720, 24.2201, -21.8127



51.6190, 1.1738, -3.1739



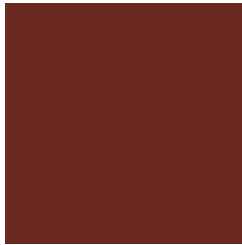
73.7990, 21.2981, -64.7217



154.1350, 44.7964, -135.1764

Previews

White Background



This preview shows how the YUV color 60.4090, -13.5126, 40.8603 looks on a white background.

Color Contrast Check

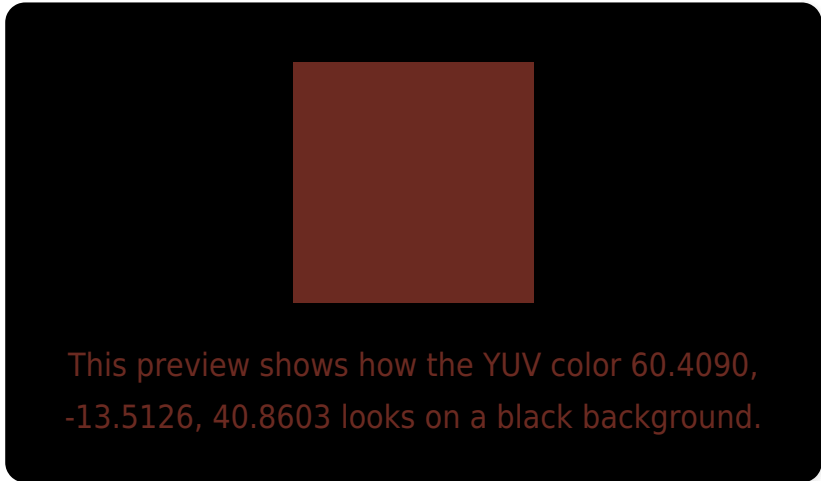
Large Text (above 18pt) WCAG AA ✓ Pass

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 60.4090, -13.5126, 40.8603

Background



This preview shows how black text looks on a background with the YUV color 60.4090, -13.5126, 40.8603.

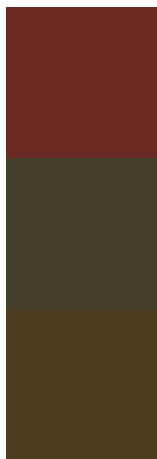


This preview shows how white text looks on a background with the YUV color 60.4090, -13.5126,

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

60.4090, -13.5126, 40.8603

Protanopia

62.8730, -10.7834, 5.3734

Deuteranopia

62.1470, -16.3415, 14.7801



Tritanopia

60.9620, -8.8553, 40.3753

Trichromacy



Original Color

60.4090, -13.5126, 40.8603

Protanomaly

62.0210, -11.8424, 18.3986

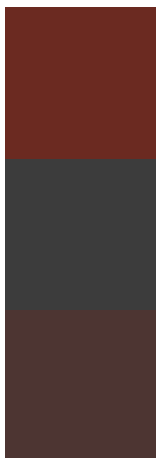
Deuteranomaly

61.1420, -15.3530, 24.4315

Tritanomaly

60.5060, -10.6025, 40.7752

Monochromacy



Original Color

60.4090, -13.5126, 40.8603

Achromatopsia

60.0000, 0.0000, 0.0000

Achromatomaly

59.8340, -4.8482, 15.0546

CSS Examples

Text

The CSS property to change the color of the text to YUV 60.4090, -13.5126, 40.8603 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(107, 42, 33)` looks like.

```
.text, #text, p{  
    color:rgb(107, 42, 33)  
}
```

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(107, 42, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 42, 33) }
```

Border

The CSS property to change the border of an element to YUV 60.4090, -13.5126, 40.8603 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(107, 42, 33) }
```


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

```
.border{ border-color:rgb(107, 42, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 42, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 42, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 42, 33);  
box-shadow:4px 4px 4px 4px rgb(107, 42,  
33) }
```

Background

The CSS property to change the background color of an element to YUV 60.4090, -13.5126, 40.8603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 42, 33) }
```

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

```
.background{ background-color: rgb(107, 42,  
33) }
```

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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