

Converting Colors

YUV(62.8650, -11.7654,
40.4604)

Have a look what the booklet for
YUV(62.8650, -11.7654, 40.4604)
contains.

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Color

**YUV(62.8650, -11.7654,
40.4604)**

Conversions

Conversions Part 1

Format	Color
Hex	6D2C27
RGB	109, 44, 39
RGB Percent	43%, 17%, 15%
CMY	0.5725, 0.8275, 0.8471
CMYK	0.00, 0.60, 0.64, 0.57
HSL	4°, 47%, 29%
HSV	4°, 64%, 43%
XYZ	7.5736, 5.1991, 2.5238
YIQ	62.8650, 40.3450, 12.2250

Conversions

Conversions Part 2

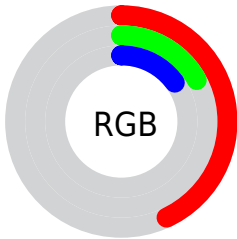
Format	Color
R_{YB}	109, 44, 39
Decimal	7154727
CIE Lab	27.29, 28.54, 17.62
CIE LCh	27, 33.545, 31.689
Yxy	5.1991, 0.4951, 0.3399
Android (android.graphics.Color)	4285344807 (0xFF6D2C27)
YUV	62.8650, -11.7654, 40.4604
Hunter-Lab	22.8014, 19.3868, 9.3984

Details

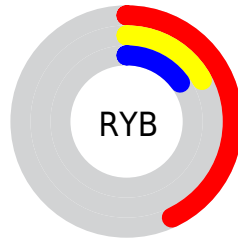
The YUV color **62.8650, -11.7654, 40.4604** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **85.1350, 11.7654, -40.4604**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.6160, -14.1077, 45.0638**, and **17.0430, -8.4022, 35.0423** is the 20% darker color. If you saturate the color by 10%, you get **55.7410, -13.6763, 46.7081**, and if you desaturate by 10%, it is **69.9890, -9.8546, 34.2126**.

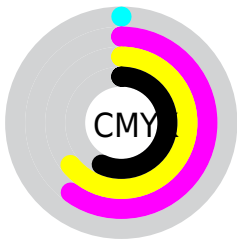
Distribution



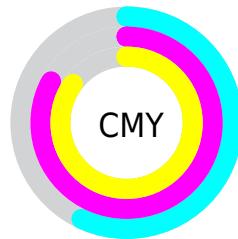
- Red (43%)
- Green (17%)
- Blue (15%)



- Red (43%)
- Yellow (17%)
- Blue (15%)



- Cyan (0%)
- Magenta (60%)
- Yellow (64%)
- Black (57%)



- Cyan (57%)
- Magenta (83%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 62.8650, -11.7654, 40.4604 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 62.8650, -11.7654, 40.4604 by changing the saturation by 10% instead.

■ 62.8650, -11.7654,
40.4604

■ 62.8650, -11.7654,
40.4604

■ 255.0000, 0.0000,
0.0000

■ 38.4240, -9.5760,
38.2162

■ 112.6160,
-14.1077, 45.0638

■ 17.0430, -8.4022,
35.0423

■ 138.6980,
-15.1341, 47.6229

■ 9.3830, -4.1328,
18.9581

■ 166.1820,
-15.8657, 48.9524

■ 0.0000, 0.0000,
0.0000

■ 193.3780,
-16.4554, 51.4115

■ 213.7890,
-13.2070, 36.1420

■ 233.3030, -9.5164,

19.0283

253.6320, -5.2416,
1.1997

62.8650, -11.7654,
40.4604

62.8650, -11.7654,
40.4604

55.7410, -13.6763,
46.7081

69.9890, -9.8546,
34.2126

48.6170, -15.5872,
52.9559

77.1130, -7.9437,
27.9649

41.4930, -17.4980,
59.2036

84.2370, -6.0328,
21.7172

37.2870, -18.3825,
62.8923

91.3610, -4.1220,
15.4694

99.0720, -2.5005,
8.7069

■ 106.0820, -1.0264,
2.5591

■ 113.2060, 0.8844,
-3.6887

■ 120.3300, 2.7953,
-9.9364

■ 127.4540, 4.7062,
-16.1842

Harmonies

Analogous

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



63.6660, 0.1647, 40.6349



62.8650, -11.7654, 40.4604



62.7530, -22.0632, 30.0346

Triad

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



62.8650, -11.7654, 40.4604



50.2650, -5.5536, -38.8204



52.5530, 31.2794, -46.0890

Complementary

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



62.8650, -11.7654, 40.4604



85.1350, 11.7654, -40.4604

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.



55.2770, 26.4854, -48.4779



62.8650, -11.7654, 40.4604



52.6090, 6.1088, -46.1381

Square

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



62.8650, -11.7654, 40.4604



58.5650, -20.4915, -7.5115



54.9860, 17.7549, -48.2227



65.8040, 20.8026, 1.0489

Rectangle

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



62.8650, -11.7654, 40.4604



61.9490, -26.1039, 19.3387



54.9860, 17.7549, -48.2227



53.6130, 30.2638, -47.0186

Sweetspot

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



62.8650, -11.7654, 40.4604



125.2470, -4.5588, 15.5694



67.3400, 18.0734, 36.5358



60.3710, -2.6479, 9.3216



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.



62.8650, -11.7654, 40.4604



70.5860, -18.5299, 63.5071



83.4100, -21.8941, 22.4424



50.3810, -1.1738, 3.1739



39.6790, -19.5617, 67.8105



83.2340, -41.0344, 141.8688

Inverse Universe

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



85.1350, 11.7654, -40.4604



105.4140, 18.5299, -63.5071



64.5900, 21.8941, -22.4424



51.6190, 1.1738, -3.1739



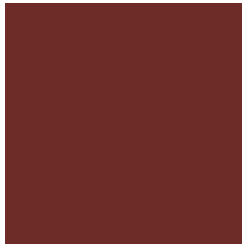
77.3210, 19.5617, -67.8105



161.1790, 41.3238, -141.3540

Previews

White Background



This preview shows how the YUV color 62.8650, -11.7654, 40.4604 looks on a white background.

Color Contrast Check

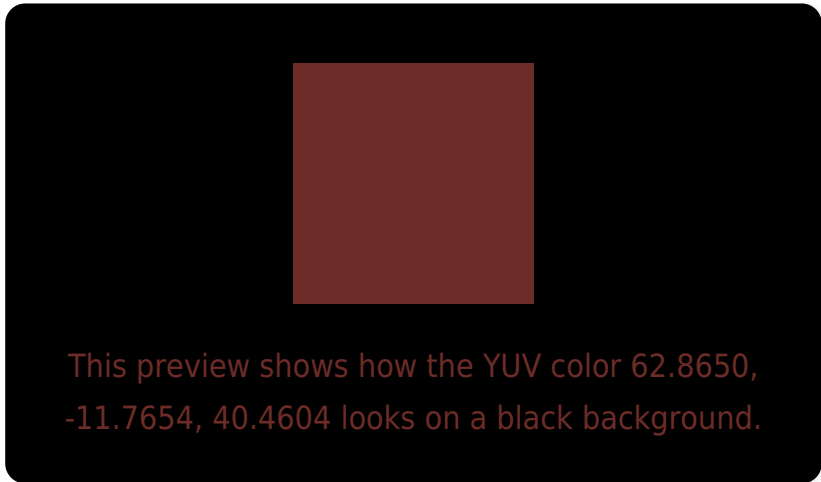
Large Text (above 18pt) WCAG AA ✓ Pass

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

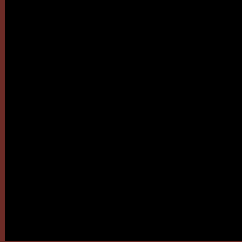
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 62.8650, -11.7654, 40.4604

Background



This preview shows how black text looks on a background with the YUV color 62.8650, -11.7654, 40.4604.

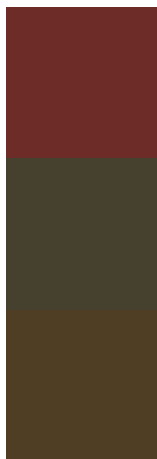


This preview shows how white text looks on a background with the YUV color 62.8650, -11.7654,

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

62.8650, -11.7654, 40.4604

Protanopia

64.4430, -8.5994, 4.8735

Deuteranopia

64.4180, -14.0101, 13.6654



Tritanopia

63.0760, -8.4185, 40.2753

Trichromacy



Original Color

62.8650, -11.7654, 40.4604

Protanomaly

63.5910, -9.6584, 17.8987

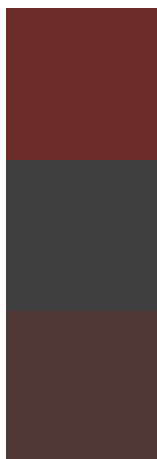
Deuteranomaly

63.7120, -13.1690, 23.9316

Tritanomaly

62.7340, -9.7289, 40.5753

Monochromacy



Original Color

62.8650, -11.7654, 40.4604

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

62.9480, -4.4114, 14.9546

CSS Examples

Text

The CSS property to change the color of the text to YUV 62.8650, -11.7654, 40.4604 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(109, 44, 39)` looks like.

```
.text, #text, p{  
    color:rgb(109, 44, 39)  
}
```

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(109, 44, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 44, 39) }
```

Border

The CSS property to change the border of an element to YUV 62.8650, -11.7654, 40.4604 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(109, 44, 39) }
```


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

```
.border{ border-color:rgb(109, 44, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 44, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 44, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 44, 39);  
box-shadow:4px 4px 4px 4px rgb(109, 44,  
39) }
```

Background

The CSS property to change the background color of an element to YUV 62.8650, -11.7654, 40.4604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 44, 39) }
```

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

```
.background{ background-color: rgb(109, 44,  
39) }
```

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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