

Converting Colors

YUV(63.6860, -13.6492,
37.9864)

Have a look what the booklet for
YUV(63.6860, -13.6492, 37.9864)
contains.

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Color

**YUV(63.6860, -13.6492,
37.9864)**

Conversions

Conversions Part 1

Format	Color
Hex	6B2F24
RGB	107, 47, 36
RGB Percent	42%, 18%, 14%
CMY	0.5804, 0.8157, 0.8588
CMYK	0.00, 0.56, 0.66, 0.58
HSL	9°, 50%, 28%
HSV	9°, 66%, 42%
XYZ	7.3984, 5.2862, 2.2995
YIQ	63.6860, 39.2910, 9.2990

Conversions

Conversions Part 2

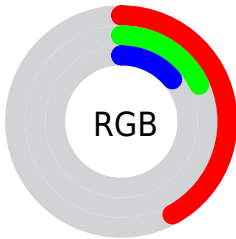
Format	Color
R_{YB}	107, 49, 36
Decimal	7024420
CIE Lab	27.54, 25.83, 19.78
CIE LCh	28, 32.536, 37.437
Yxy	5.2862, 0.4937, 0.3528
Android (android.graphics.Color)	4285214500 (0xFF6B2F24)
YUV	63.6860, -13.6492, 37.9864
Hunter-Lab	22.9917, 17.2027, 10.1645

Details

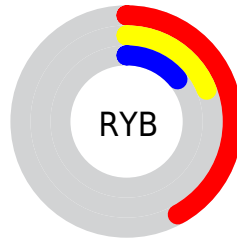
The YUV color **63.6860, -13.6492, 37.9864** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **79.3140, 13.6492, -37.9864**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **113.4370, -15.9914, 42.5898**, and **17.6190, -8.6862, 32.7831** is the 20% darker color. If you saturate the color by 10%, you get **57.1490, -15.8495, 43.7193**, and if you desaturate by 10%, it is **70.2230, -11.4489, 32.2534**.

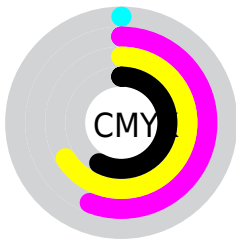
Distribution



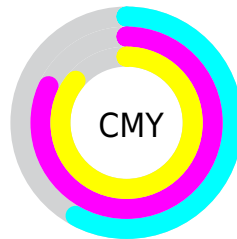
- Red (42%)
- Green (18%)
- Blue (14%)



- Red (42%)
- Yellow (19%)
- Blue (14%)



- Cyan (0%)
- Magenta (56%)
- Yellow (66%)
- Black (58%)



- Cyan (58%)
- Magenta (82%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 63.6860, -13.6492, 37.9864 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 63.6860, -13.6492, 37.9864 by changing the saturation by 10% instead.

63.6860, -13.6492,
37.9864

63.6860, -13.6492,
37.9864

255.0000, 0.0000,
0.0000

39.7180, -12.1860,
35.3273

113.4370,
-15.9914, 42.5898

17.6190, -8.6862,
32.7831

139.2200,
-16.8705, 44.5341

8.7850, -3.8380,
17.7286

166.0030,
-17.7495, 46.4784

0.0000, 0.0000,
0.0000

193.7860,
-18.6285, 48.4227

215.0940,
-15.8223, 34.9976

234.7220,

-11.6949, 17.7838

■ 253.1760, -6.9888,
1.5996

■ 63.6860, -13.6492,
37.9864

■ 63.6860, -13.6492,
37.9864

■ 57.1490, -15.8495,
43.7193

■ 70.2230, -11.4489,
32.2534

■ 50.7260, -17.6129,
49.3523

■ 76.6460, -9.6855,
26.6205

■ 44.1890, -19.8132,
55.0852

■ 83.1830, -7.4852,
20.8875

■ 41.9720, -20.6922,
57.0296

■ 89.7200, -5.2850,
15.1546

■ 96.2570, -3.0847,
9.4216

■ 102.6800, -1.3212,
3.7886

■ 109.2170, 0.8790,
-1.9443

■ 115.7540, 3.0793,
-7.6773

■ 122.1770, 4.8427,
-13.3102

Harmonies

Analogous

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



64.3840, -2.1613, 40.0052



63.6860, -13.6492, 37.9864



63.2040, -22.7786, 26.1311

Triad

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



63.6860, -13.6492, 37.9864



49.7420, -2.3378, -43.6237



59.0280, 27.5942, -30.7196

Complementary

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



63.6860, -13.6492, 37.9864



79.3140, 13.6492, -37.9864

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.



55.5050, 27.3590, -48.6779



63.6860, -13.6492, 37.9864



53.2930, 8.7296, -46.7380

Square

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



63.6860, -13.6492, 37.9864



58.6400, -17.5705, -11.0853



55.4420, 19.5021, -48.6226



66.9680, 18.7498, 6.1671

Rectangle

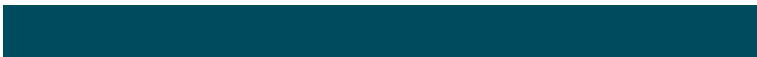
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



63.6860, -13.6492, 37.9864



62.0410, -25.6562, 15.7500



55.4420, 19.5021, -48.6226



53.0260, 30.5532, -46.5038

Sweetspot

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



63.6860, -13.6492, 37.9864



123.3070, -5.5744, 14.6398



64.0690, 15.7420, 37.6505



60.8440, -3.3741, 8.9068



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.



63.6860, -13.6492, 37.9864



71.4670, -21.4292, 60.1034



84.2310, -23.7779, 19.9684



50.3810, -1.1738, 3.1739



45.5490, -22.4557, 62.6625



95.5610, -47.1116, 131.0580

Inverse Universe

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



79.3140, 13.6492, -37.9864



96.5330, 21.4292, -60.1034



58.7690, 23.7779, -19.9684



51.6190, 1.1738, -3.1739



71.4510, 22.4557, -62.6625



149.4390, 47.1116, -131.0580

Previews

White Background



This preview shows how the YUV color 63.6860, -13.6492, 37.9864 looks on a white background.

Color Contrast Check

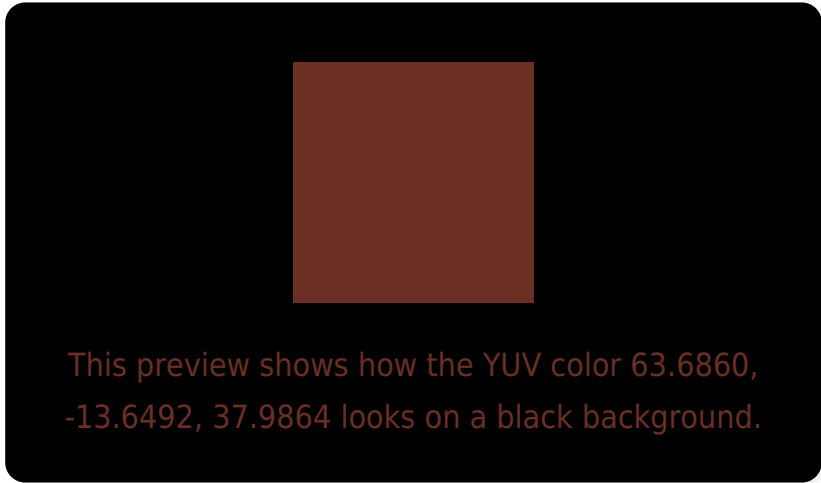
Large Text (above 18pt) WCAG AA ✓ Pass

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 63.6860, -13.6492, 37.9864

Background



This preview shows how black text looks on a background with the YUV color 63.6860, -13.6492, 37.9864.

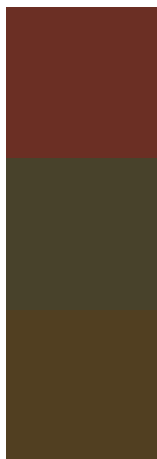


This preview shows how white text looks on a background with the YUV color 63.6860, -13.6492,

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

63.6860, -13.6492, 37.9864

Protanopia

65.1720, -10.9308, 5.9882

Deuteranopia

64.9620, -15.7573, 14.0653



Tritanopia

64.1790, -7.9762, 38.4310

Trichromacy



Original Color

63.6860, -13.6492, 37.9864

Protanomaly

64.6080, -12.1317, 17.8838

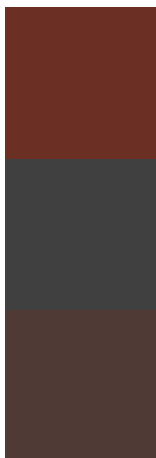
Deuteranomaly

64.2450, -14.9108, 22.5871

Tritanomaly

64.3100, -10.0128, 38.3161

Monochromacy



Original Color

63.6860, -13.6492, 37.9864

Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

64.1220, -4.9901, 13.9250

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.6860, -13.6492, 37.9864 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, 47, 36)` looks like.

```
.text, #text, p{  
    color:rgb(107, 47, 36)  
}
```

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, 47, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 47, 36) }
```

Border

The CSS property to change the border of an element to YUV 63.6860, -13.6492, 37.9864 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, 47, 36) }
```


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

```
.border{ border-color:rgb(107, 47, 36) }
```

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

Here you see how a box with a 4 pixel rgb(107, 47, 36) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 47, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 47, 36);  
box-shadow:4px 4px 4px 4px rgb(107, 47,  
36) }
```

Background

The CSS property to change the background color of an element to YUV 63.6860, -13.6492, 37.9864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 47, 36) }
```

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

```
.background{ background-color: rgb(107, 47,  
36) }
```

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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