

Converting Colors

YUV(45.6860, -13.6492,
37.9864)

Have a look what the booklet for
YUV(45.6860, -13.6492, 37.9864)
contains.

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Color

**YUV(45.6860, -13.6492,
37.9864)**

Conversions

Conversions Part 1

Format	Color
Hex	591D12
RGB	89, 29, 18
RGB Percent	35%, 11%, 7%
CMY	0.6510, 0.8863, 0.9294
CMYK	0.00, 0.67, 0.80, 0.65
HSL	9°, 66%, 21%
HSV	9°, 80%, 35%
XYZ	4.6684, 3.0462, 0.9142
YIQ	45.6860, 39.2910, 9.2990

Conversions

Conversions Part 2

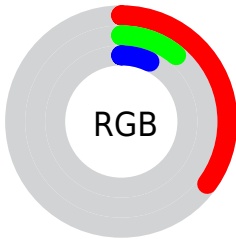
Format	Color
RYB	89, 31, 18
Decimal	5840146
CIELab	20.23, 26.95, 21.80
CIElCh	20, 34.666, 38.965
Yxy	3.0462, 0.5410, 0.3530
Android (android.graphics.Color)	4284030226 (0xFF591D12)
YUV	45.6860, -13.6492, 37.9864
Hunter-Lab	17.4535, 17.2006, 9.1119

Details

The YUV color **45.6860, -13.6492, 37.9864** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **61.3140, 13.6492, -37.9864**, and the grayscale version is **46.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **94.6220, -16.5756, 43.3045**, and **12.3730, -5.6069, 25.1059** is the 20% darker color. If you saturate the color by 10%, you get **39.9640, -15.2653, 43.0046**, and if you desaturate by 10%, it is **51.4080, -12.0331, 32.9682**.

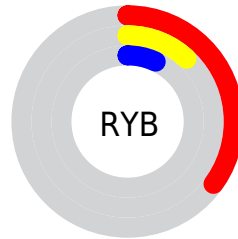
Distribution



Red (35%)

Green (11%)

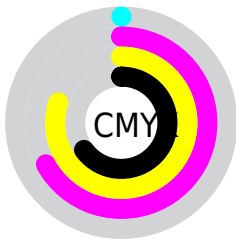
Blue (7%)



Red (35%)

Yellow (12%)

Blue (7%)

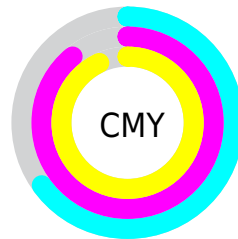


Cyan (0%)

Magenta (67%)

Yellow (80%)

Black (65%)



Cyan (65%)


Magenta (89%)


Yellow (93%)


Brightness & Saturation Gradients


These gradients show how the YUV color 45.6860, -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 45.6860, -13.6492, 37.9864 by changing the saturation by 10% instead.


 45.6860, -13.6492,
37.9864


 45.6860, -13.6492,
37.9864

 253.6320, -5.2416,
1.1997


 21.7720, -10.7336,
36.1570


 94.6220, -16.5756,
43.3045

 12.3730, -5.6069,
25.1059

 120.2910,
-17.8915, 45.3488

 0.0000, 0.0000,
0.0000

 146.3730,
-18.9179, 47.9079

 173.2700,
-19.3601, 49.7522

 199.5580,
-19.5021, 48.6226

 219.0720,

-15.8115, 31.5089

■ 239.2870,
-11.9735, 13.7803

■ 45.6860, -13.6492,
37.9864

■ 45.6860, -13.6492,
37.9864

■ 39.9640, -15.2653,
43.0046

■ 51.4080, -12.0331,
32.9682

■ 34.8290, -17.1707,
47.5080

■ 56.5430, -10.1277,
28.4648

■ 62.2650, -8.5116,
23.4466

■ 67.4000, -6.6062,
18.9432

■ 73.0080, -5.4269,
14.0250

■ 78.1430, -3.5215,
9.5216

■ 83.8650, -1.9054,
4.5034

■ 89.0000, 0.0000,
0.0000

■ 94.7220, 1.6161,
-5.0182

Harmonies

Analogous

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



44.9220, -1.4405, 42.1644



45.6860, -13.6492, 37.9864



46.4920, -22.9206, 25.0015

Triad

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



45.6860, -13.6492, 37.9864



37.9390, -4.4069, -33.2725



40.0490, 29.0628, -35.1230

Complementary

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



45.6860, -13.6492, 37.9864



61.3140, 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.



43.8160, 25.7267, -38.4266



45.6860, -13.6492, 37.9864



41.6040, 7.0972, -36.4867

Square

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



45.6860, -13.6492, 37.9864



40.8740, -19.1649, -13.0445



44.3400, 17.5804, -38.8862



50.0930, 19.1812, 7.8114

Rectangle

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



45.6860, -13.6492, 37.9864



46.1270, -22.7406, 13.9206



44.3400, 17.5804, -38.8862



41.9240, 28.6315, -36.7673

Sweetspot

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



45.6860, -13.6492, 37.9864



97.7200, -5.2850, 15.1546



46.0690, 15.7420, 37.6505



48.2570, -3.0847, 9.4216



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



45.6860, -13.6492, 37.9864



47.8690, -21.1344, 58.8739



66.2310, -23.7779, 19.9684



40.7830, -0.8790, 1.9443



41.9720, -20.6922, 57.0296



91.3970, -45.0587, 125.9398

Inverse Universe

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



61.3140, 13.6492, -37.9864



72.1310, 21.1344, -58.8739



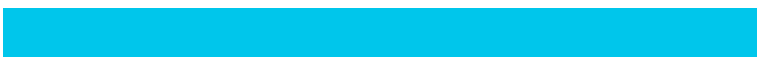
40.7690, 23.7779, -19.9684



41.8040, 0.5896, -2.4591



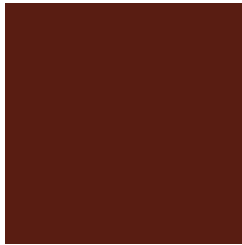
65.6150, 20.4028, -57.5444



143.0160, 45.3481, -125.4250

Previews

White Background



This preview shows how the YUV color 45.6860, -13.6492, 37.9864 looks on a white background.

Color Contrast Check

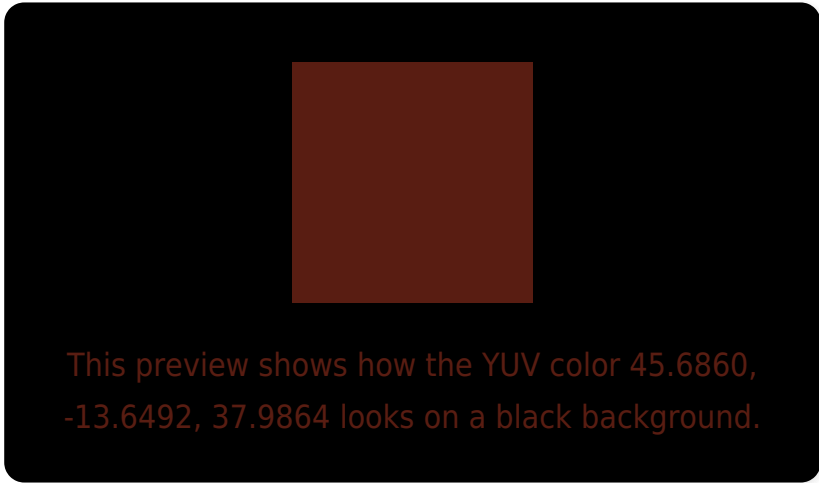
Large Text (above 18pt) WCAG AA ✓ Pass

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

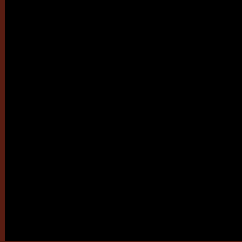
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 45.6860, -13.6492, 37.9864

Background



This preview shows how black text looks on a background with the YUV color 45.6860, -13.6492, 37.9864.

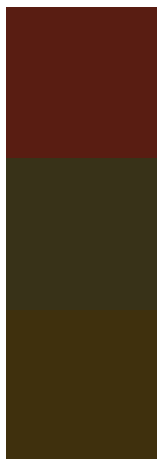


This preview shows how white text looks on a background with the YUV color 45.6860, -13.6492,

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

45.6860, -13.6492, 37.9864

Protanopia

48.8300, -12.2412, 6.2881

Deuteranopia

48.4950, -17.4990, 12.7209



Tritanopia

46.3530, -8.5550, 37.4014

Trichromacy



Original Color

45.6860, -13.6492, 37.9864

Protanomaly

47.4940, -12.5685, 17.9838

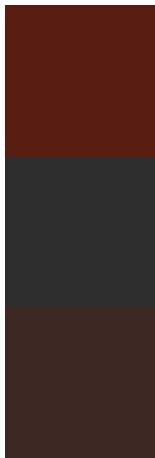
Deuteranomaly

47.3050, -15.9264, 21.6575

Tritanomaly

45.8970, -10.3022, 37.8013

Monochromacy



Original Color

45.6860, -13.6492, 37.9864

Achromatopsia

46.0000, 0.0000, 0.0000

Achromatomaly

46.1220, -4.9901, 13.9250

CSS Examples

Text

The CSS property to change the color of the text to YUV 45.6860, -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(89, 29, 18)` looks like.

```
.text, #text, p{  
    color:rgb(89, 29, 18)  
}
```

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(89, 29, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 29, 18) }
```

Border

The CSS property to change the border of an element to YUV 45.6860, -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(89, 29, 18) }
```


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

```
.border{ border-color:rgb(89, 29, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 29, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 29, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 29, 18);  
box-shadow:4px 4px 4px 4px rgb(89, 29, 18)  
}
```

Background

The CSS property to change the background color of an element to YUV 45.6860, -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(89, 29, 18) }
```

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

```
.background{ background-color: rgb(89, 29,  
18) }
```

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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