

Converting Colors

YUV(61.7810, -17.6400,
58.0741)

Have a look what the booklet for
YUV(61.7810, -17.6400, 58.0741)
contains.

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Color

**YUV(61.7810, -17.6400,
58.0741)**

Conversions

Conversions Part 1

Format	Color
Hex	80231A
RGB	128, 35, 26
RGB Percent	50%, 14%, 10%
CMY	0.4980, 0.8627, 0.8980
CMYK	0.00, 0.73, 0.80, 0.50
HSL	5°, 66%, 30%
HSV	5°, 80%, 50%
XYZ	9.6896, 5.8658, 1.5988
YIQ	61.7810, 58.3170, 16.9170

Conversions

Conversions Part 2

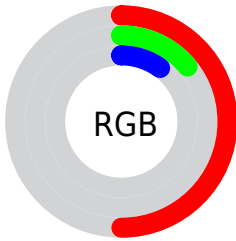
Format	Color
R_{YB}	128, 36, 26
Decimal	8397594
CIE Lab	29.07, 39.30, 28.73
CIE LCh	29, 48.685, 36.172
Yxy	5.8658, 0.5649, 0.3419
Android (android.graphics.Color)	4286587674 (0xFF80231A)
YUV	61.7810, -17.6400, 58.0741
Hunter-Lab	24.2195, 29.0290, 13.0397

Details

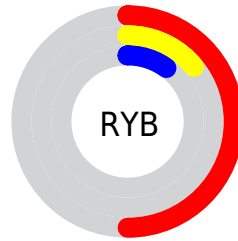
The YUV color **61.7810, -17.6400, 58.0741** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **92.2190, 17.6400, -58.0741**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **114.3750, -21.8769, 63.6921**, and **21.2290, -10.4659, 43.6492** is the 20% darker color. If you saturate the color by 10%, you get **53.2550, -19.8457, 65.5514**, and if you desaturate by 10%, it is **70.3070, -15.4344, 50.5968**.

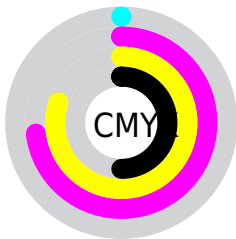
Distribution



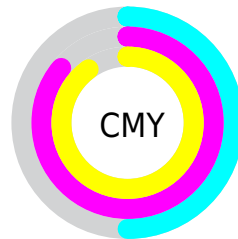
- Red (50%)
- Green (14%)
- Blue (10%)



- Red (50%)
- Yellow (14%)
- Blue (10%)



- Cyan (0%)
- Magenta (73%)
- Yellow (80%)
- Black (50%)



- Cyan (50%)
- Magenta (86%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 61.7810, -17.6400, 58.0741 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 61.7810, -17.6400, 58.0741 by changing the saturation by 10% instead.

■ 61.7810, -17.6400,
58.0741

■ 61.7810, -17.6400,
58.0741

255.0000, 0.0000,
0.0000

■ 31.7750, -15.1721,
59.8333

■ 114.3750,
-21.8769, 63.6921

■ 21.2290, -10.4659,
43.6492

■ 141.3430,
-23.3401, 66.3512

■ 14.2810, -6.0545,
28.6946

■ 168.4250,
-24.3665, 68.9103

■ 0.0000, 0.0000,
0.0000

■ 190.2170,
-22.2920, 56.8147

■ 209.0300,
-18.7488, 40.3157

■ 229.2450,

-14.9108, 22.5871

■ 249.4600,
-11.0728, 4.8586

■ 61.7810, -17.6400,
58.0741

■ 61.7810, -17.6400,
58.0741

■ 53.2550, -19.8457,
65.5514

■ 70.3070, -15.4344,
50.5968

■ 45.3160, -22.3408,
72.5139

■ 78.2460, -12.9393,
43.6343

■ 44.7290, -22.0514,
73.0287

■ 86.6580, -11.1704,
36.2569

■ 95.1840, -8.9647,
28.7796

■ 103.1230, -6.4696,
21.8171

■ 111.6490, -4.2640,
14.3398

■ 120.1750, -2.0583,
6.8625

■ 128.0000, 0.0000,
0.0000

■ 136.5260, 2.2057,
-7.4773

Harmonies

Analogous

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



58.5750, 1.6885, 65.2707



61.7810, -17.6400, 58.0741



64.5770, -31.8365, 38.0820

Triad

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



61.7810, -17.6400, 58.0741



52.8250, -8.2947, -46.3275



58.0930, 42.3522, -50.9476

Complementary

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



61.7810, -17.6400, 58.0741



92.2190, 17.6400, -58.0741

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.



62.6920, 37.1268, -54.9809



61.7810, -17.6400, 58.0741



58.5590, 8.5984, -51.3562

Square

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



61.7810, -17.6400, 58.0741



56.5500, -27.8791, -18.0223



62.0760, 24.6125, -54.4407



69.5410, 29.8063, 6.5415

Rectangle

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



61.7810, -17.6400, 58.0741



64.7660, -31.9296, 21.2532



62.0760, 24.6125, -54.4407



60.4410, 41.1946, -53.0068

Sweetspot

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



61.7810, -17.6400, 58.0741



139.7210, -6.7645, 23.0467



67.2140, 26.0235, 53.3093



68.3500, -4.1165, 13.7251



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



61.7810, -17.6400, 58.0741



62.7590, -27.4892, 90.5424



91.7180, -32.3990, 31.8193



59.6800, -1.3212, 3.7886



44.7290, -22.0514, 73.0287



0.0000, 0.0000, 0.0000

Inverse Universe

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



92.2190, 17.6400, -58.0741



110.2410, 27.4892, -90.5424



62.8690, 32.1096, -32.3341



61.3200, 1.3212, -3.7886



82.6840, 22.3408, -72.5139



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 61.7810, -17.6400, 58.0741 looks on a white background.

Color Contrast Check

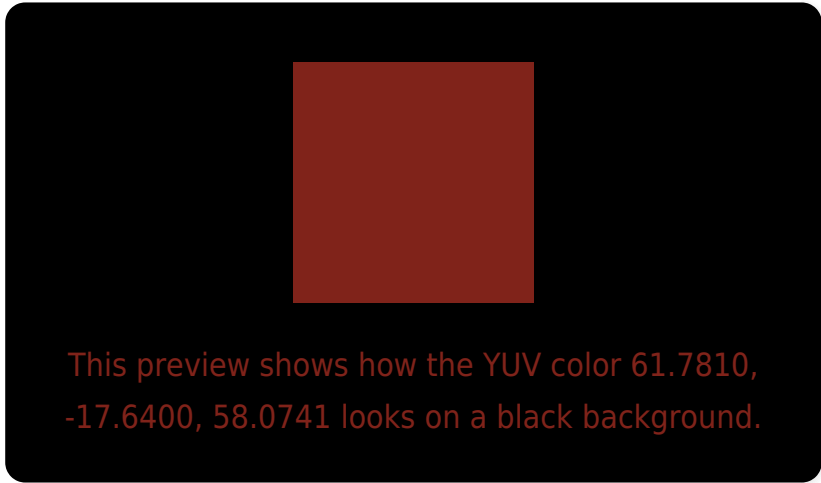
Large Text (above 18pt) WCAG AA ✓ Pass

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

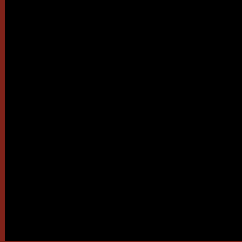
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 61.7810, -17.6400, 58.0741

Background



This preview shows how black text looks on a background with the YUV color 61.7810, -17.6400, 58.0741.

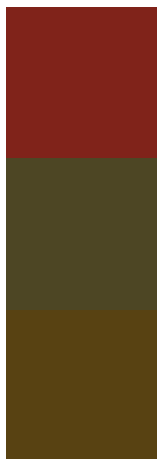


This preview shows how white text looks on a background with the YUV color 61.7810, -17.6400,

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

61.7810, -17.6400, 58.0741

Protanopia

68.2170, -15.8830, 7.7027

Deuteranopia

67.1060, -24.2093, 18.3240



Tritanopia

62.2200, -13.4195, 57.6891

Trichromacy



Original Color

61.7810, -17.6400, 58.0741

Protanomaly

65.8110, -16.6688, 26.4758

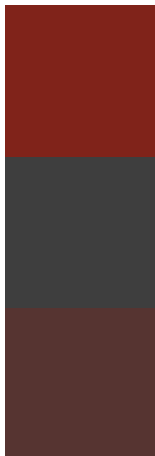
Deuteranomaly

65.4760, -21.9267, 32.9085

Tritanomaly

61.8780, -14.7299, 57.9890

Monochromacy



Original Color

61.7810, -17.6400, 58.0741

Achromatopsia

62.0000, 0.0000, 0.0000

Achromatomaly

61.8240, -6.3222, 21.2024

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.7810, -17.6400, 58.0741 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(128, 35, 26)` looks like.

```
.text, #text, p{  
    color:rgb(128, 35, 26)  
}
```

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(128, 35, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 35, 26) }
```

Border

The CSS property to change the border of an element to YUV 61.7810, -17.6400, 58.0741 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(128, 35, 26) }
```


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

```
.border{ border-color:rgb(128, 35, 26) }
```

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

Here you see how a box with a 4 pixel rgb(128, 35, 26) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 35, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 35, 26);  
box-shadow:4px 4px 4px 4px rgb(128, 35,  
26) }
```

Background

The CSS property to change the background color of an element to YUV 61.7810, -17.6400, 58.0741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 35, 26) }
```

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

```
.background{ background-color: rgb(128, 35,  
26) }
```

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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