

Converting Colors

YUV(57.4860, -17.0016,
39.9158)

Have a look what the booklet for
YUV(57.4860, -17.0016, 39.9158)
contains.

YUV(57.4860, -17.0016, 39.9158)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(57.4860, -17.0016,
39.9158)**

Conversions

Conversions Part 1

Format	Color
Hex	672917
RGB	103, 41, 23
RGB Percent	40%, 16%, 9%
CMY	0.5961, 0.8392, 0.9098
CMYK	0.00, 0.60, 0.78, 0.60
HSL	14°, 63%, 25%
HSV	14°, 78%, 40%
XYZ	6.5411, 4.5313, 1.3405
YIQ	57.4860, 42.7300, 7.5460

Conversions

Conversions Part 2

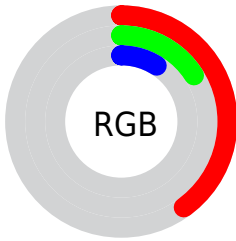
Format	Color
R_{YB}	103, 46, 23
Decimal	6760727
CIE Lab	25.36, 26.64, 25.12
CIE LCh	25, 36.619, 43.316
Yxy	4.5313, 0.5270, 0.3650
Android (android.graphics.Color)	4284950807 (0xFF672917)
YUV	57.4860, -17.0016, 39.9158
Hunter-Lab	21.2869, 17.5982, 11.1672

Details

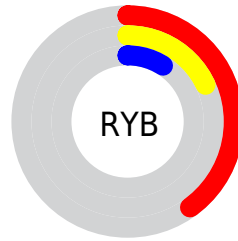
The YUV color **57.4860, -17.0016, 39.9158** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **68.5140, 17.0016, -39.9158**, and the grayscale version is **58.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **107.4220, -19.9280, 45.2339**, and **14.9500, -7.3703, 30.7388** is the 20% darker color. If you saturate the color by 10%, you get **51.6500, -19.0544, 45.0340**, and if you desaturate by 10%, it is **63.3220, -14.9487, 34.7976**.

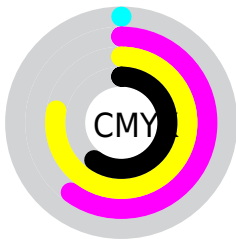
Distribution



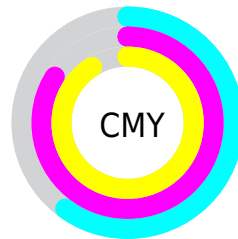
- Red (40%)
- Green (16%)
- Blue (9%)



- Red (40%)
- Yellow (18%)
- Blue (9%)



- Cyan (0%)
- Magenta (60%)
- Yellow (78%)
- Black (60%)



- Cyan (60%)
- Magenta (84%)
- Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 57.4860, -17.0016, 39.9158 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 57.4860, -17.0016, 39.9158 by changing the saturation by 10% instead.

■ 57.4860, -17.0016,
39.9158

■ 57.4860, -17.0016,
39.9158

■ 254.5440, -1.7472,
0.3999

■ 33.5890, -16.5594,
38.0714

■ 107.4220,
-19.9280, 45.2339

■ 14.9500, -7.3703,
30.7388

■ 133.0910,
-21.2439, 47.2782

■ 4.7840, -2.3585,
9.8364

■ 159.2870,
-21.8335, 49.7373

■ 0.0000, 0.0000,
0.0000

■ 187.0700,
-22.7125, 51.6816

■ 209.1610,
-20.7854, 40.2008

■ 228.7890,

-16.6580, 22.9870

■ 248.4170,
-12.5306, 5.7733

■ 57.4860, -17.0016,
39.9158

■ 57.4860, -17.0016,
39.9158

■ 51.6500, -19.0544,
45.0340

■ 63.3220, -14.9487,
34.7976

■ 45.7000, -21.5441,
50.2521

■ 69.2720, -12.4591,
29.5795

■ 44.2980, -21.8389,
51.4817

■ 75.1080, -10.4062,
24.4613

■ 80.9440, -8.3534,
19.3431

■ 86.8940, -5.8637,
14.1250

■ 92.7300, -3.8109,
9.0068

■ 98.5660, -1.7580,
3.8886

■ 104.4020, 0.2948,
-1.2296

■ 110.3520, 2.7845,
-6.4477

Harmonies

Analogous

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



57.2600, -4.0722, 46.2530



57.4860, -17.0016, 39.9158



56.8250, -28.0147, 25.5865

Triad

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



57.4860, -17.0016, 39.9158



47.1660, -2.0538, -41.3646



53.9080, 29.6254, -28.8603

Complementary

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



57.4860, -17.0016, 39.9158



68.5140, 17.0016, -39.9158

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.



52.7980, 29.6796, -46.3038



57.4860, -17.0016, 39.9158



51.0590, 10.3239, -44.7787

Square

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



57.4860, -17.0016, 39.9158



51.2970, -17.4014, -18.6775



53.4360, 21.9701, -46.8634



62.1260, 19.1649, 13.0445

Rectangle

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



57.4860, -17.0016, 39.9158



56.4490, -27.8294, 12.7612



53.4360, 21.9701, -46.8634



49.6180, 32.7263, -43.5150

Sweetspot

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



57.4860, -17.0016, 39.9158



117.3780, -6.5954, 15.4545



54.1020, 15.7257, 42.8835



58.0290, -3.9583, 9.6216



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



57.4860, -17.0016, 39.9158



63.6970, -26.9656, 62.5327



80.3790, -28.2878, 19.8386



48.0820, -1.0264, 2.5591



49.6470, -24.4760, 57.3146



104.6430, -51.5890, 120.4621

Inverse Universe

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



68.5140, 17.0016, -39.9158



80.8900, 26.6762, -63.0475



45.6210, 28.2878, -19.8386



48.9180, 1.0264, -2.5591



65.3530, 24.4760, -57.3146



137.9440, 51.2996, -120.9769

Previews

White Background



This preview shows how the YUV color 57.4860, -17.0016, 39.9158 looks on a white background.

Color Contrast Check

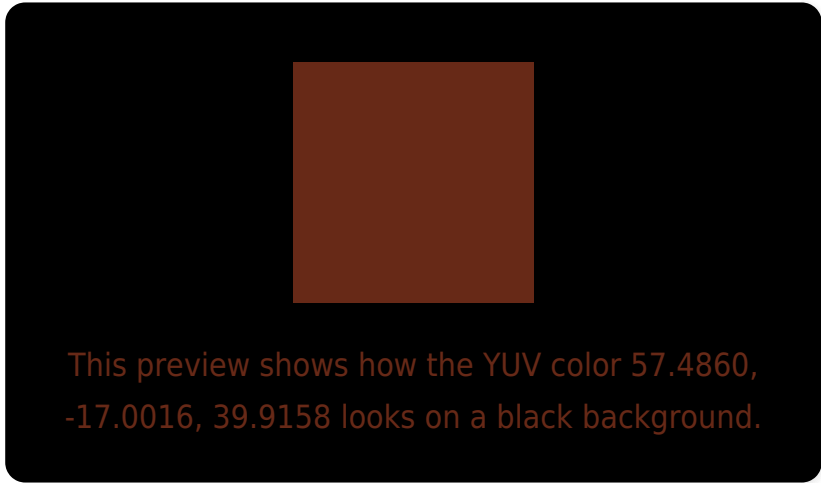
Large Text (above 18pt) WCAG AA ✓ Pass

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

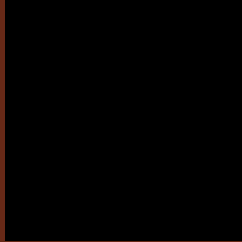
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 57.4860, -17.0016, 39.9158

Background



This preview shows how black text looks on a background with the YUV color 57.4860, -17.0016, 39.9158.



This preview shows how white text looks on a background with the YUV color 57.4860, -17.0016,

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

57.4860, -17.0016, 39.9158

Protanopia

59.4450, -15.0094, 7.5027

Deuteranopia

59.1210, -20.2727, 15.6799



Tritanopia

58.6630, -8.7079, 39.7605

Trichromacy



Original Color

57.4860, -17.0016, 39.9158

Protanomaly

58.9950, -15.7735, 19.2984

Deuteranomaly

58.5180, -18.9894, 24.1017

Tritanomaly

58.4520, -12.0548, 39.9456

Monochromacy



Original Color

57.4860, -17.0016, 39.9158

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

57.1930, -6.0111, 14.7397

CSS Examples

Text

The CSS property to change the color of the text to YUV 57.4860, -17.0016, 39.9158 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(103, 41, 23)` looks like.

```
.text, #text, p{  
    color:rgb(103, 41, 23)  
}
```

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(103, 41, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 41, 23) }
```

Border

The CSS property to change the border of an element to YUV 57.4860, -17.0016, 39.9158 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(103, 41, 23) }
```


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

```
.border{ border-color:rgb(103, 41, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 41, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 41, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 41, 23);  
box-shadow:4px 4px 4px 4px rgb(103, 41,  
23) }
```

Background

The CSS property to change the background color of an element to YUV 57.4860, -17.0016, 39.9158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 41, 23) }
```

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

```
.background{ background-color: rgb(103, 41,  
23) }
```

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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