

Converting Colors

YUV(68.1830, -7.4852, 20.8875)

Have a look what the booklet for
YUV(68.1830, -7.4852, 20.8875)
contains.

| | |
|--|----|
| YUV(68.1830, -7.4852, 20.8875) | 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(68.1830, -7.4852,
20.8875)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|--------------------------|
| Hex | 5C3B35 |
| RGB | 92, 59, 53 |
| RGB Percent | 36%, 23%, 21% |
| CMY | 0.6392, 0.7686, 0.7922 |
| CMYK | 0.00, 0.36, 0.42, 0.64 |
| HSL | 9°, 27%, 28% |
| HSV | 9°, 42%, 36% |
| XYZ | 6.6202, 5.6603, 4.1118 |
| YIQ | 68.1830, 21.5940, 5.1300 |

Conversions

Conversions Part 2

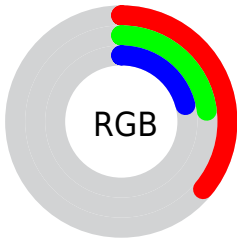
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 92, 60, 53 |
| Decimal | 6044469 |
| CIE Lab | 28.54, 13.75, 9.69 |
| CIE LCh | 29, 16.818, 35.187 |
| Yxy | 5.6603, 0.4039, 0.3453 |
| Android (android.graphics.Color) | 4284234549 (0xFF5C3B35) |
| YUV | 68.1830, -7.4852, 20.8875 |
| Hunter-Lab | 23.7913, 8.0347, 6.4070 |

Details

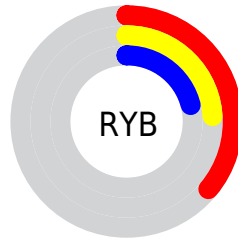
The YUV color **68.1830, -7.4852, 20.8875** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **76.8170, 7.4852, -20.8875**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **117.2650, -8.5116, 23.4466**, and **23.7590, -7.7692, 18.6284** is the 20% darker color. If you saturate the color by 10%, you get **62.4610, -9.1013, 25.9057**, and if you desaturate by 10%, it is **73.9050, -5.8692, 15.8693**.

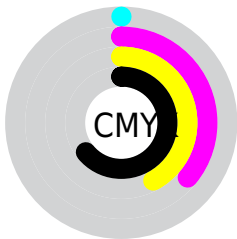
Distribution



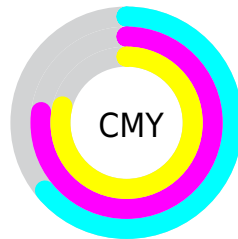
- Red (36%)
- Green (23%)
- Blue (21%)



- Red (36%)
- Yellow (24%)
- Blue (21%)



- Cyan (0%)
- Magenta (36%)
- Yellow (42%)
- Black (64%)



- Cyan (64%)
- Magenta (77%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 68.1830, -7.4852, 20.8875 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 68.1830, -7.4852, 20.8875 by changing the saturation by 10% instead.

68.1830, -7.4852,
20.8875

68.1830, -7.4852,
20.8875

255.0000, 0.0000,
0.0000

45.6990, -6.7536,
19.5580

117.2650, -8.5116,
23.4466

23.7590, -7.7692,
18.6284

142.7490, -9.2433,
24.7761

5.3820, -2.6533,
11.0660

169.0480, -9.3907,
25.3909

0.0000, 0.0000,
0.0000

196.6460, -9.6855,
26.6205

224.5320,
-10.1223, 26.7204

244.2740, -5.5581,

9.4067

■ 68.1830, -7.4852,
20.8875

■ 68.1830, -7.4852,
20.8875

■ 62.4610, -9.1013,
25.9057

■ 73.9050, -5.8692,
15.8693

■ 56.7390, -10.7173,
30.9239

■ 79.6270, -4.2531,
10.8511

■ 51.4900, -13.0596,
35.5273

■ 84.8760, -1.9109,
6.2477

■ 45.7680, -14.6756,
40.5455

■ 90.5980, -0.2948,
1.2296

■ 40.0460, -16.2917,
45.5637

■ 96.3200, 1.3212,
-3.7886

■ 35.7260, -17.6129,
49.3523

■ 102.0420, 2.9373,
-8.8068

■ 107.1770, 4.8427,
-13.3102

■ 113.0130, 6.8956,
-18.4284

■ 118.7350, 8.5116,
-23.4466

Harmonies

Analogous

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



68.3770, -1.6649, 20.7174



68.1830, -7.4852, 20.8875



67.4120, -11.5421, 15.4247

Triad

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



68.1830, -7.4852, 20.8875



62.6900, -3.2982, -15.5141



66.3650, 13.1311, -11.7211

Complementary

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



68.1830, -7.4852, 20.8875



76.8170, 7.4852, -20.8875

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.



62.6900, 13.4638, -25.1611



68.1830, -7.4852, 20.8875



60.2740, 4.3019, -26.5503

Square

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



68.1830, -7.4852, 20.8875



64.8610, -9.2985, -4.2631



59.6630, 11.0121, -32.1535



68.5410, 9.5933, 3.0335

Rectangle

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



68.1830, -7.4852, 20.8875



66.7380, -12.6888, 9.8768



59.6630, 11.0121, -32.1535



65.1580, 13.7261, -15.9246

Sweetspot

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



68.1830, -7.4852, 20.8875



110.5450, -3.2267, 8.2920



68.4230, 8.6655, 20.6770



55.1640, -2.0529, 5.1182



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



68.1830, -7.4852, 20.8875



82.5220, -11.5963, 32.8682



79.3360, -12.9836, 11.1063



43.0820, -1.0264, 2.5591



42.8690, -21.1344, 58.8739



91.9950, -45.3535, 127.1694

Inverse Universe

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



76.8170, 7.4852, -20.8875



95.8910, 11.8857, -32.3534



65.6640, 12.9836, -11.1063



43.9180, 1.0264, -2.5591



67.1310, 21.1344, -58.8739



145.0050, 45.3535, -127.1694

Previews

White Background



This preview shows how the YUV color 68.1830, -7.4852, 20.8875 looks on a white background.

Color Contrast Check

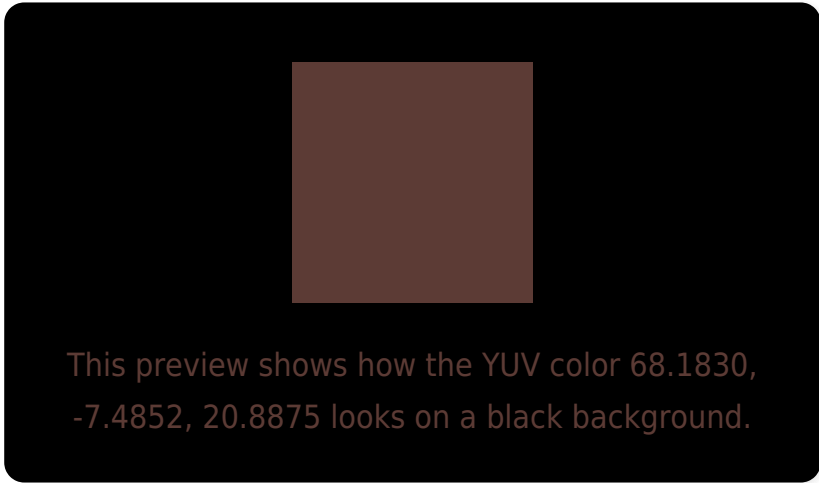
Large Text (above 18pt) WCAG AA ✓ Pass

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

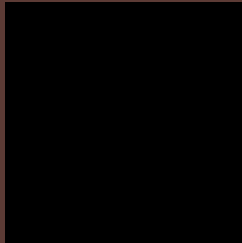
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 68.1830, -7.4852, 20.8875

Background



This preview shows how black text looks on a background with the YUV color 68.1830, -7.4852, 20.8875.

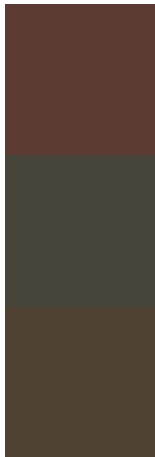


This preview shows how white text looks on a background with the YUV color 68.1830, -7.4852,

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

68.1830, -7.4852, 20.8875

Protanopia

67.6430, -5.2470, 2.9441

Deuteranopia

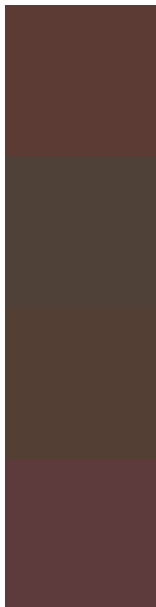
67.7040, -7.7421, 9.9066



Tritanopia

68.9210, -3.4121, 21.1173

Trichromacy



Original Color

68.1830, -7.4852, 20.8875

Protanomaly

68.1600, -5.9949, 9.5067

Deuteranomaly

68.0250, -7.9003, 14.0101

Tritanomaly

68.5790, -4.7224, 21.4172

Monochromacy



Original Color

68.1830, -7.4852, 20.8875

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

68.3600, -2.6425, 7.5773

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.1830, -7.4852, 20.8875 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(92, 59, 53)` looks like.

```
.text, #text, p{  
    color:rgb(92, 59, 53)  
}
```

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(92, 59, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 59, 53) }
```

Border

The CSS property to change the border of an element to YUV 68.1830, -7.4852, 20.8875 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(92, 59, 53) }
```


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

```
.border{ border-color:rgb(92, 59, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 59, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 59, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 59, 53);  
box-shadow:4px 4px 4px 4px rgb(92, 59, 53)  
}
```

Background

The CSS property to change the background color of an element to YUV 68.1830, -7.4852, 20.8875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 59, 53) }
```

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

```
.background{ background-color: rgb(92, 59,  
53) }
```

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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