

Converting Colors

YUV(68.2380, -20.8233,
52.4113)

Have a look what the booklet for
YUV(68.2380, -20.8233, 52.4113)
contains.

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Color

**YUV(68.2380, -20.8233,
52.4113)**

Conversions

Conversions Part 1

Format	Color
Hex	802E1A
RGB	128, 46, 26
RGB Percent	50%, 18%, 10%
CMY	0.4980, 0.8196, 0.8980
CMYK	0.00, 0.64, 0.80, 0.50
HSL	12°, 66%, 30%
HSV	12°, 80%, 50%
XYZ	10.0655, 6.6178, 1.7241
YIQ	68.2380, 55.2920, 11.1640

Conversions

Conversions Part 2

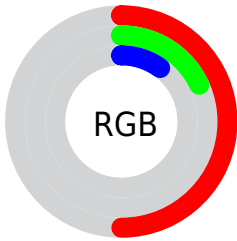
Format	Color
R_{YB}	128, 51, 26
Decimal	8400410
CIE _{Lab}	30.92, 34.31, 30.67
CIE _{LCh}	31, 46.026, 41.795
Yxy	6.6178, 0.5468, 0.3595
Android (android.graphics.Color)	4286590490 (0xFF802E1A)
YUV	68.2380, -20.8233, 52.4113
Hunter-Lab	25.7250, 24.8237, 14.0338

Details

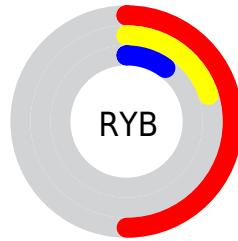
The YUV color **68.2380, -20.8233, 52.4113** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **85.7620, 20.8233, -52.4113**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **120.0600, -24.1866, 57.8294**, and **21.5280, -10.6133, 44.2639** is the 20% darker color. If you saturate the color by 10%, you get **60.8860, -23.6078, 58.8590**, and if you desaturate by 10%, it is **75.5900, -18.0389, 45.9636**.

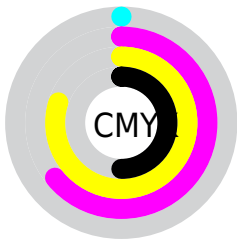
Distribution



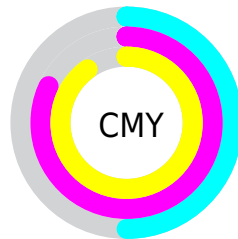
- Red (50%)
- Green (18%)
- Blue (10%)



- Red (50%)
- Yellow (20%)
- Blue (10%)



- Cyan (0%)
- Magenta (64%)
- Yellow (80%)
- Black (50%)



- Cyan (50%)
- Magenta (82%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 68.2380, -20.8233, 52.4113 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 68.2380, -20.8233, 52.4113 by changing the saturation by 10% instead.

■ 68.2380, -20.8233,
52.4113

■ 68.2380, -20.8233,
52.4113

255.0000, 0.0000,
0.0000

■ 42.4550, -19.9443,
50.4670

■ 120.0600,
-24.1866, 57.8294

■ 21.5280, -10.6133,
44.2639

■ 146.4410,
-25.3604, 61.0032

■ 14.1670, -6.4913,
28.7945

■ 174.1100,
-26.6762, 63.0475

■ 0.0000, 0.0000,
0.0000

■ 195.6140,
-24.4597, 52.0815

■ 215.0140,
-21.2059, 35.0677

■ 234.6420,

-17.0785, 17.8540

■ 251.9220,
-11.7935, 2.6994

■ 68.2380, -20.8233,
52.4113

■ 68.2380, -20.8233,
52.4113

■ 60.8860, -23.6078,
58.8590

■ 75.5900, -18.0389,
45.9636

■ 52.9470, -26.1029,
65.8215

■ 83.5290, -15.5438,
39.0011

■ 90.7670, -13.1961,
32.6533

■ 98.1190, -10.4117,
26.2056

■ 105.4710, -7.6272,
19.7579

■ 113.4100, -5.1321,
12.7954

■ 120.7620, -2.3477,
6.3477

■ 128.0000, 0.0000,
0.0000

■ 135.9390, 2.4951,
-6.9625

Harmonies

Analogous

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



66.2880, -3.1000, 61.1374



68.2380, -20.8233, 52.4113



68.6750, -33.8568, 32.7340

Triad

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



68.2380, -20.8233, 52.4113



57.2420, -4.0633, -50.2012



58.6800, 42.0628, -51.4624

Complementary

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



68.2380, -20.8233, 52.4113



85.7620, 20.8233, -52.4113

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.



64.7950, 37.5691, -56.8252



68.2380, -20.8233, 52.4113



62.0470, 11.8088, -54.4152

Square

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



68.2380, -20.8233, 52.4113



60.0270, -24.6633, -22.8257



65.3360, 26.9494, -57.2997



74.8580, 25.7060, 15.0335

Rectangle

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



68.2380, -20.8233, 52.4113



68.2770, -33.6606, 16.4201



65.3360, 26.9494, -57.2997



61.7290, 41.0526, -54.1363

Sweetspot

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



68.2380, -20.8233, 52.4113



142.6560, -8.2114, 20.4727



65.9600, 21.2187, 54.4091



70.1110, -4.9847, 12.1807



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.



68.2380, -20.8233, 52.4113



72.7380, -32.4088, 81.7908



97.5880, -35.2929, 26.6713



60.2670, -1.6106, 3.2738



52.9470, -26.1029, 65.8215



0.0000, 0.0000, 0.0000

Inverse Universe

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



85.7620, 20.8233, -52.4113



100.2620, 32.4088, -81.7908



56.4120, 35.2929, -26.6713



61.3200, 1.3212, -3.7886



74.4660, 26.3923, -65.3067



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 68.2380, -20.8233, 52.4113 looks on a white background.

Color Contrast Check

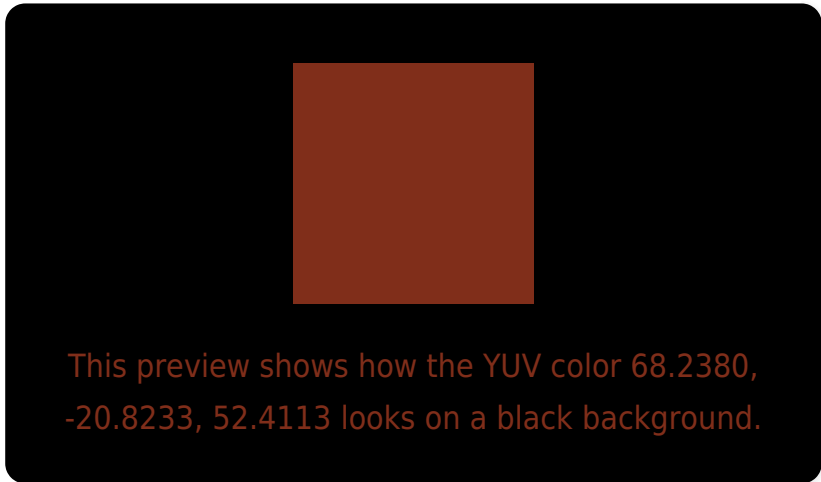
Large Text (above 18pt) WCAG AA ✓ Pass

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

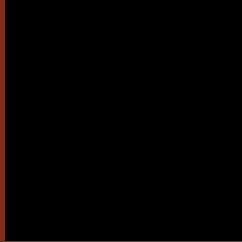
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 68.2380, -20.8233, 52.4113

Background



This preview shows how black text looks on a background with the YUV color 68.2380, -20.8233, 52.4113.



This preview shows how white text looks on a background with the YUV color 68.2380, -20.8233,

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

68.2380, -20.8233, 52.4113

Protanopia

71.8320, -18.6512, 8.9173

Deuteranopia

71.0630, -25.6671, 19.2387



Tritanopia

69.6430, -11.6560, 52.0561

Trichromacy



Original Color

68.2380, -20.8233, 52.4113

Protanomaly

70.7030, -19.5736, 24.8165

Deuteranomaly

70.0090, -23.6684, 31.5641

Tritanomaly

69.4320, -15.0030, 52.2411

Monochromacy



Original Color

68.2380, -20.8233, 52.4113

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

68.1720, -7.4798, 19.1432

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.2380, -20.8233, 52.4113 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, 46, 26)` looks like.

```
.text, #text, p{  
    color:rgb(128, 46, 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, 46, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 46, 26) }
```

Border

The CSS property to change the border of an element to YUV 68.2380, -20.8233, 52.4113 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, 46, 26) }
```


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

```
.border{ border-color:rgb(128, 46, 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, 46, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 46, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 46, 26);  
box-shadow:4px 4px 4px 4px rgb(128, 46,  
26) }
```

Background

The CSS property to change the background color of an element to YUV 68.2380, -20.8233, 52.4113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 46, 26) }
```

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

```
.background{ background-color: rgb(128, 46,  
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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