

Converting Colors

YUV(78.0960, -18.7813,
50.7818)

Have a look what the booklet for
YUV(78.0960, -18.7813, 50.7818)
contains.

YUV(78.0960, -18.7813, 50.7818)	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(78.0960, -18.7813,
50.7818)**

Conversions

Conversions Part 1

Format	Color
Hex	883828
RGB	136, 56, 40
RGB Percent	53%, 22%, 16%
CMY	0.4667, 0.7804, 0.8431
CMYK	0.00, 0.59, 0.71, 0.47
HSL	10°, 55%, 35%
HSV	10°, 71%, 53%
XYZ	11.9505, 8.2158, 2.9634
YIQ	78.0960, 52.8160, 11.9840

Conversions

Conversions Part 2

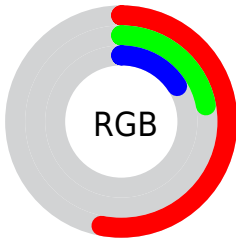
Format	Color
R_{YB}	136, 59, 40
Decimal	8927272
CIE _{Lab}	34.43, 33.12, 26.79
CIE _{LCh}	34, 42.599, 38.960
Yxy	8.2158, 0.5167, 0.3552
Android (android.graphics.Color)	4287117352 (0xFF883828)
YUV	78.0960, -18.7813, 50.7818
Hunter-Lab	28.6632, 24.2612, 13.9344

Details

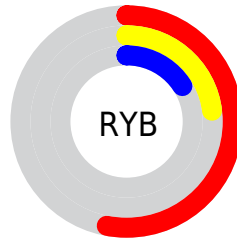
The YUV color **78.0960, -18.7813, 50.7818** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **97.9040, 18.7813, -50.7818**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.0320, -21.7078, 56.0999**, and **26.5670, -13.0975, 47.7377** is the 20% darker color. If you saturate the color by 10%, you get **70.0430, -21.7132, 57.8443**, and if you desaturate by 10%, it is **86.1490, -15.8495, 43.7193**.

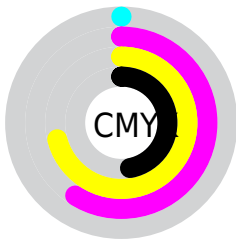
Distribution



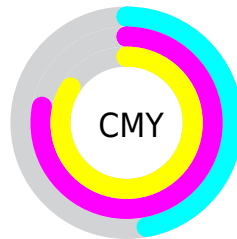
- Red (53%)
- Green (22%)
- Blue (16%)



- Red (53%)
- Yellow (23%)
- Blue (16%)



- Cyan (0%)
- Magenta (59%)
- Yellow (71%)
- Black (47%)



- Cyan (47%)
- Magenta (78%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 78.0960, -18.7813, 50.7818 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 78.0960, -18.7813, 50.7818 by changing the saturation by 10% instead.

■ 78.0960, -18.7813,
50.7818

■ 78.0960, -18.7813,
50.7818

■ 255.0000, 0.0000,
0.0000

■ 53.2420, -16.8813,
48.0228

■ 130.0320,
-21.7078, 56.0999

■ 26.5670, -13.0975,
47.7377

■ 157.0000,
-23.1710, 58.7590

■ 16.1460, -7.9600,
33.1980

■ 184.1960,
-23.7606, 61.2181

■ 5.9800, -2.9481,
12.2955

■ 203.8950,
-20.6542, 44.8191

■ 0.0000, 0.0000,
0.0000

■ 223.4090,
-16.9636, 27.7053

■ 243.0370,

-12.8362, 10.4916

253.9740, -3.9312,
0.8998

78.0960, -18.7813,
50.7818

78.0960, -18.7813,
50.7818

70.0430, -21.7132,
57.8443

86.1490, -15.8495,
43.7193

61.5170, -23.9189,
65.3216

94.6750, -13.6438,
36.2420

54.1650, -26.7033,
71.7693

102.7280,
-10.7119, 29.1795

110.6670, -8.2168,
22.2170

119.3070, -5.5744,
14.6398

■ 127.3600, -2.6425,
7.5773

■ 135.2990, -0.1474,
0.6148

■ 143.9390, 2.4951,
-6.9625

■ 151.8780, 4.9901,
-13.9250

Harmonies

Analogous

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



78.2550, -3.0837, 55.9044



78.0960, -18.7813, 50.7818



77.4410, -32.2624, 34.6932

Triad

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



78.0960, -18.7813, 50.7818



62.0350, -3.4683, -54.4047



69.4910, 38.7049, -47.7886

Complementary

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



78.0960, -18.7813, 50.7818



97.9040, 18.7813, -50.7818

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.



69.8330, 36.5643, -61.2435



78.0960, -18.7813, 50.7818



67.1990, 11.2409, -58.9335

Square

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



78.0960, -18.7813, 50.7818



71.2880, -23.8060, -17.7926



70.3740, 25.9446, -61.7180



83.0100, 25.1381, 10.5152

Rectangle

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



78.0960, -18.7813, 50.7818



76.0880, -37.0184, 20.0938



70.3740, 25.9446, -61.7180



66.8810, 40.4847, -58.6546

Sweetspot

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



78.0960, -18.7813, 50.7818



153.5850, -7.1904, 19.6580



77.8240, 20.7928, 51.0204



75.9260, -4.4005, 11.4659



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



78.0960, -18.7813, 50.7818



85.5250, -29.3458, 79.3466



106.2720, -32.6721, 26.0715



64.6800, -1.3212, 3.7886



52.6810, -25.9717, 70.4398



2.0820, -1.0264, 2.5591

Inverse Universe

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



97.9040, 18.7813, -50.7818



116.4750, 29.3458, -79.3466



69.7280, 32.6721, -26.0715



66.3200, 1.3212, -3.7886



79.7320, 26.2611, -69.9250



2.9180, 1.0264, -2.5591

Previews

White Background



This preview shows how the YUV color 78.0960, -18.7813, 50.7818 looks on a white background.

Color Contrast Check

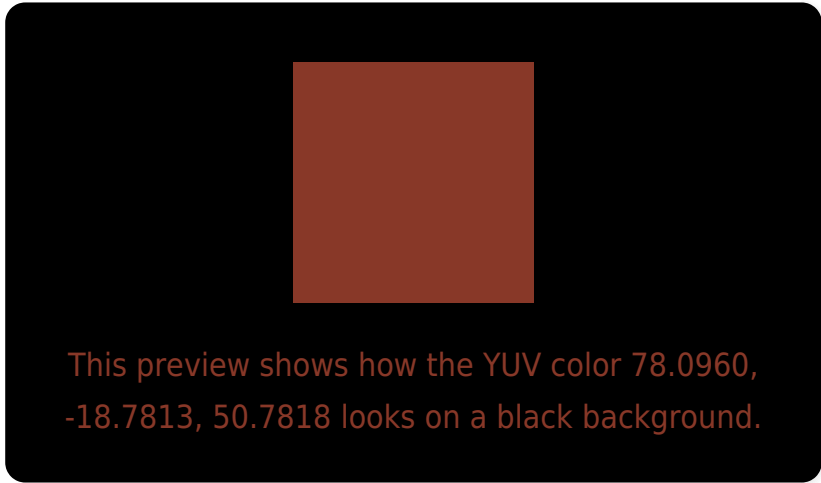
Large Text (above 18pt) WCAG AA ✓ Pass

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 78.0960, -18.7813, 50.7818

Background



This preview shows how black text looks on a background with the YUV color 78.0960, -18.7813, 50.7818.

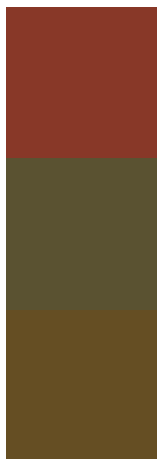


This preview shows how white text looks on a background with the YUV color 78.0960, -18.7813,

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

78.0960, -18.7813, 50.7818

Protanopia

80.6300, -15.5936, 8.2175

Deuteranopia

79.9750, -22.1727, 18.4389



Tritanopia

79.1590, -10.9244, 50.7266

Trichromacy



Original Color

78.0960, -18.7813, 50.7818

Protanomaly

80.0880, -16.8054, 23.6018

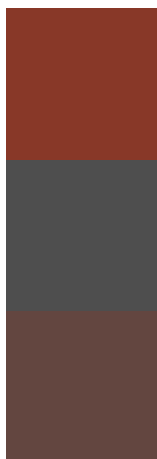
Deuteranomaly

79.3940, -20.9002, 30.3495

Tritanomaly

79.0620, -13.8346, 50.8116

Monochromacy



Original Color

78.0960, -18.7813, 50.7818

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

77.9870, -6.8956, 18.4284

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.0960, -18.7813, 50.7818 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(136, 56, 40)` looks like.

```
.text, #text, p{  
    color:rgb(136, 56, 40)  
}
```

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(136, 56, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 56, 40) }
```

Border

The CSS property to change the border of an element to YUV 78.0960, -18.7813, 50.7818 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(136, 56, 40) }
```


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

```
.border{ border-color:rgb(136, 56, 40) }
```

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

Here you see how a box with a 4 pixel rgb(136, 56, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 56, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 56, 40);  
box-shadow:4px 4px 4px 4px rgb(136, 56,  
40) }
```

Background

The CSS property to change the background color of an element to YUV 78.0960, -18.7813, 50.7818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 56, 40) }
```

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

```
.background{ background-color: rgb(136, 56,  
40) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor