

Converting Colors

YUV(70.0960, -18.7813,
50.7818)

Have a look what the booklet for
YUV(70.0960, -18.7813, 50.7818)
contains.

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Color

**YUV(70.0960, -18.7813,
50.7818)**

Conversions

Conversions Part 1

Format	Color
Hex	803020
RGB	128, 48, 32
RGB Percent	50%, 19%, 13%
CMY	0.4980, 0.8118, 0.8745
CMYK	0.00, 0.62, 0.75, 0.50
HSL	10°, 60%, 31%
HSV	10°, 75%, 50%
XYZ	10.2198, 6.8074, 2.1418
YIQ	70.0960, 52.8160, 11.9840

Conversions

Conversions Part 2

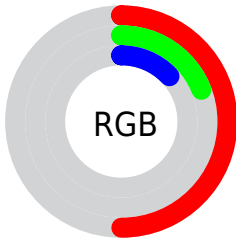
Format	Color
R_{YB}	128, 51, 32
Decimal	8400928
CIE _{Lab}	31.36, 33.60, 27.67
CIE _{LCh}	31, 43.531, 39.474
Yxy	6.8074, 0.5331, 0.3551
Android (android.graphics.Color)	4286591008 (0xFF803020)
YUV	70.0960, -18.7813, 50.7818
Hunter-Lab	26.0910, 24.2587, 13.3965

Details

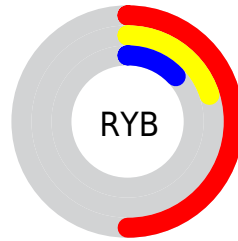
The YUV color **70.0960, -18.7813, 50.7818** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **89.9040, 18.7813, -50.7818**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **121.3310, -21.8552, 56.7147**, and **21.5280, -10.6133, 44.2639** is the 20% darker color. If you saturate the color by 10%, you get **62.1570, -21.2764, 57.7443**, and if you desaturate by 10%, it is **78.0350, -16.2863, 43.8193**.

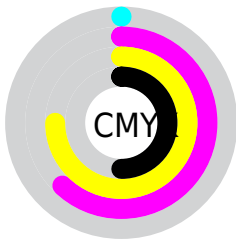
Distribution



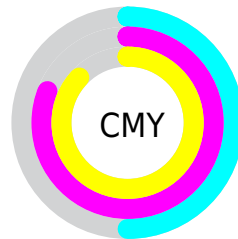
- Red (50%)
- Green (19%)
- Blue (13%)



- Red (50%)
- Yellow (20%)
- Blue (13%)



- Cyan (0%)
- Magenta (62%)
- Yellow (75%)
- Black (50%)



- Cyan (50%)
- Magenta (81%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.0960, -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 70.0960, -18.7813, 50.7818 by changing the saturation by 10% instead.

70.0960, -18.7813,
50.7818

70.0960, -18.7813,
50.7818

255.0000, 0.0000,
0.0000

44.5410, -17.0287,
48.6375

121.3310,
-21.8552, 56.7147

21.5280, -10.6133,
44.2639

148.0000,
-23.1710, 58.7590

14.4660, -6.6387,
29.4093

175.9680,
-24.6342, 61.4181

0.0000, 0.0000,
0.0000

197.4720,
-22.4177, 50.4521

216.9860,
-18.7271, 33.3383

236.6140,

-14.5997, 16.1245

252.7200, -8.7360,
1.9996

70.0960, -18.7813,
50.7818

70.0960, -18.7813,
50.7818

62.1570, -21.2764,
57.7443

78.0350, -16.2863,
43.8193

54.8050, -24.0609,
64.1920

85.3870, -13.5018,
37.3716

50.5990, -24.9453,
67.8807

93.2120, -11.4435,
30.5091

101.1510, -8.9484,
23.5466

108.5030, -6.1640,
17.0989

■ 116.4420, -3.6689,
10.1364

■ 124.3810, -1.1738,
3.1739

■ 131.6190, 1.1738,
-3.1739

■ 139.5580, 3.6689,
-10.1364

Harmonies

Analogous

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



69.0810, -2.5049, 56.9340



70.0960, -18.7813, 50.7818



69.3870, -33.7148, 33.8636

Triad

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



70.0960, -18.7813, 50.7818



57.1280, -4.5001, -50.1013



59.5120, 40.1736, -52.1920

Complementary

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



70.0960, -18.7813, 50.7818



89.9040, 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.



65.0400, 35.9693, -57.0401



70.0960, -18.7813, 50.7818



61.8190, 10.9352, -54.2153

Square

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



70.0960, -18.7813, 50.7818



63.4620, -24.3848, -18.8222



64.8800, 25.2022, -56.8998



76.0100, 25.1381, 10.5152

Rectangle

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



70.0960, -18.7813, 50.7818



69.1740, -34.1028, 18.2644



64.8800, 25.2022, -56.8998



61.9740, 39.4528, -54.3512

Sweetspot

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



70.0960, -18.7813, 50.7818



142.8840, -7.3378, 20.2727



69.8240, 20.7928, 51.0204



70.2250, -4.5479, 12.0807



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.



70.0960, -18.7813, 50.7818



75.6390, -28.9090, 79.2466



98.2720, -32.6721, 26.0715



59.6800, -1.3212, 3.7886



50.5990, -24.9453, 67.8807



0.0000, 0.0000, 0.0000

Inverse Universe

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



89.9040, 18.7813, -50.7818



106.7740, 29.1984, -78.7318



61.7280, 32.6721, -26.0715



61.3200, 1.3212, -3.7886



76.8140, 25.2347, -67.3659



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 70.0960, -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



This preview shows how the YUV color 70.0960, -18.7813, 50.7818 looks on a 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 70.0960, -18.7813, 50.7818

Background



This preview shows how black text looks on a background with the YUV color 70.0960, -18.7813, 50.7818.

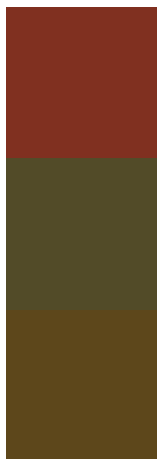


This preview shows how white text looks on a background with the YUV color 70.0960, -18.7813,

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

70.0960, -18.7813, 50.7818

Protanopia

73.1030, -16.3198, 7.8027

Deuteranopia

72.5620, -22.4621, 17.9241



Tritanopia

71.1590, -10.9244, 50.7266

Trichromacy



Original Color

70.0960, -18.7813, 50.7818

Protanomaly

71.9740, -17.2422, 23.7018

Deuteranomaly

71.9810, -21.1896, 29.8347

Tritanomaly

71.0620, -13.8346, 50.8116

Monochromacy



Original Color

70.0960, -18.7813, 50.7818

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

69.9870, -6.8956, 18.4284

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.0960, -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(128, 48, 32)` looks like.

```
.text, #text, p{  
    color:rgb(128, 48, 32)  
}
```

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, 48, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 48, 32) }
```

Border

The CSS property to change the border of an element to YUV 70.0960, -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(128, 48, 32) }
```


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

```
.border{ border-color:rgb(128, 48, 32) }
```

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

Here you see how a box with a 4 pixel rgb(128, 48, 32) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 48, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 48, 32);  
box-shadow:4px 4px 4px 4px rgb(128, 48,  
32) }
```

Background

The CSS property to change the background color of an element to YUV 70.0960, -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(128, 48, 32) }
```

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

```
.background{ background-color: rgb(128, 48,  
32) }
```

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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