

Converting Colors

YUV(76.1400, -18.8030,
57.7592)

Have a look what the booklet for
YUV(76.1400, -18.8030, 57.7592)
contains.

YUV(76.1400, -18.8030, 57.7592)	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(76.1400, -18.8030,
57.7592)**

Conversions

Conversions Part 1

Format	Color
Hex	8E3226
RGB	142, 50, 38
RGB Percent	56%, 20%, 15%
CMY	0.4431, 0.8039, 0.8510
CMYK	0.00, 0.65, 0.73, 0.44
HSL	7°, 58%, 35%
HSV	7°, 73%, 56%
XYZ	12.6458, 8.1719, 2.7446
YIQ	76.1400, 58.6840, 15.7720

Conversions

Conversions Part 2

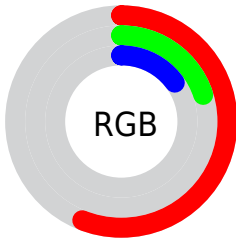
Format	Color
R_{YB}	142, 52, 38
Decimal	9318950
CIE Lab	34.34, 38.28, 28.15
CIE LCh	34, 47.514, 36.331
Yxy	8.1719, 0.5367, 0.3468
Android (android.graphics.Color)	4287509030 (0xFF8E3226)
YUV	76.1400, -18.8030, 57.7592
Hunter-Lab	28.5866, 28.9361, 14.3183

Details

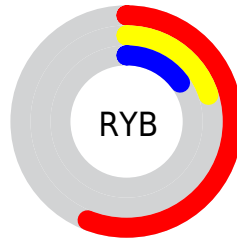
The YUV color **76.1400, -18.8030, 57.7592** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **103.8600, 18.8030, -57.7592**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.8480, -22.6031, 63.2773**, and **25.4150, -12.5296, 52.2560** is the 20% darker color. If you saturate the color by 10%, you get **66.9130, -21.1561, 65.8513**, and if you desaturate by 10%, it is **85.3670, -16.4499, 49.6671**.

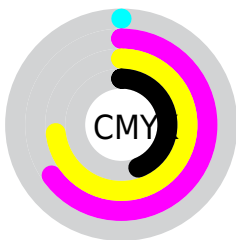
Distribution



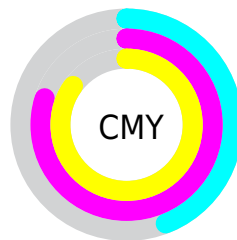
- Red (56%)
- Green (20%)
- Blue (15%)



- Red (56%)
- Yellow (20%)
- Blue (15%)



- Cyan (0%)
- Magenta (65%)
- Yellow (73%)
- Black (44%)



- Cyan (44%)
- Magenta (80%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.1400, -18.8030, 57.7592 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 76.1400, -18.8030, 57.7592 by changing the saturation by 10% instead.

■ 76.1400, -18.8030,
57.7592

■ 76.1400, -18.8030,
57.7592

255.0000, 0.0000,
0.0000

■ 49.8130, -16.1768,
55.4150

■ 128.8480,
-22.6031, 63.2773

■ 25.4150, -12.5296,
52.2560

■ 155.9300,
-23.6295, 65.8364

■ 17.3420, -8.5496,
35.6571

■ 181.8050,
-24.0609, 64.1920

■ 8.1870, -3.5432,
16.4990

■ 200.7320,
-20.0809, 47.5930

■ 0.0000, 0.0000,
0.0000

■ 220.2460,
-16.3903, 30.4793

■ 240.3470,

-12.9891, 12.8507

253.6320, -5.2416,
1.1997

76.1400, -18.8030,
57.7592

76.1400, -18.8030,
57.7592

66.9130, -21.1561,
65.8513

85.3670, -16.4499,
49.6671

58.2730, -23.7986,
73.4286

94.0070, -13.8075,
42.0899

51.8500, -25.5620,
79.0616

103.3480,
-11.0176, 33.8978

111.9880, -8.3751,
26.3205

121.2150, -6.0220,
18.2284

■ 129.8550, -3.3795,
10.6512

■ 139.0820, -1.0264,
2.5591

■ 147.8360, 2.0529,
-5.1182

■ 157.0630, 4.4059,
-13.2103

Harmonies

Analogous

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



75.2820, -0.6320, 62.8967



76.1400, -18.8030, 57.7592



76.0350, -36.4993, 40.3113

Triad

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



76.1400, -18.8030, 57.7592



61.9380, -6.3784, -54.3196



66.5050, 44.1210, -58.3249

Complementary

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



76.1400, -18.8030, 57.7592



103.8600, 18.8030, -57.7592

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.



71.6910, 38.6063, -62.8730



76.1400, -18.8030, 57.7592



67.5580, 10.0779, -59.2484

Square

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



76.1400, -18.8030, 57.7592



69.6920, -29.9212, -16.3929



71.1890, 26.5288, -62.4328



82.7260, 29.2221, 7.2563

Rectangle

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



76.1400, -18.8030, 57.7592



75.6970, -37.3186, 23.0677



71.1890, 26.5288, -62.4328



68.9670, 43.4003, -60.4841

Sweetspot

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



76.1400, -18.8030, 57.7592



158.1940, -7.4906, 22.6319



79.8120, 25.7287, 54.5389



76.9370, -4.4059, 13.2103



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



76.1400, -18.8030, 57.7592



81.5910, -29.3784, 89.8127



105.4900, -33.2726, 32.0193



66.6800, -1.3212, 3.7886



49.7570, -24.5302, 74.7581



2.9790, -1.4686, 4.4034

Inverse Universe

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



103.8600, 18.8030, -57.7592



124.4090, 29.3784, -89.8127



74.5100, 33.2726, -32.0193



68.9070, 1.0318, -4.3034



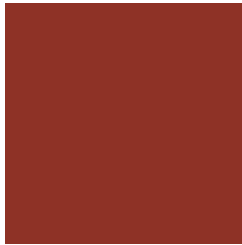
85.8300, 24.2408, -75.2729



5.0210, 1.4686, -4.4034

Previews

White Background



This preview shows how the YUV color 76.1400, -18.8030, 57.7592 looks on a white background.

Color Contrast Check

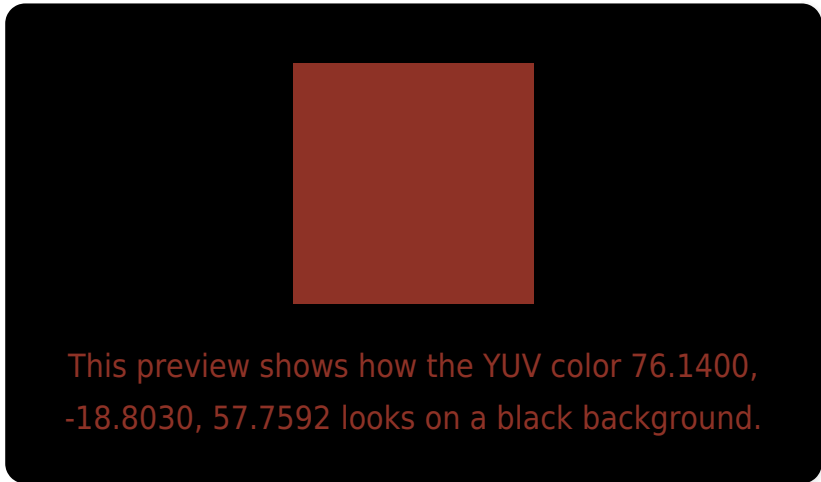
Large Text (above 18pt) WCAG AA ✓ Pass

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 76.1400, -18.8030, 57.7592

Background



This preview shows how black text looks on a background with the YUV color 76.1400, -18.8030, 57.7592.

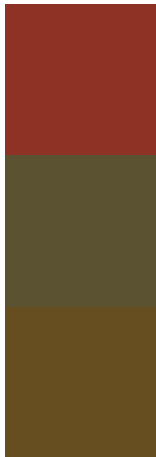


This preview shows how white text looks on a background with the YUV color 76.1400, -18.8030,

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

76.1400, -18.8030, 57.7592

Protanopia

80.5160, -16.0304, 8.3175

Deuteranopia

79.9320, -23.6305, 19.3536



Tritanopia

76.7470, -12.6933, 58.1039

Trichromacy



Original Color

76.1400, -18.8030, 57.7592

Protanomaly

78.6970, -17.1056, 26.5757

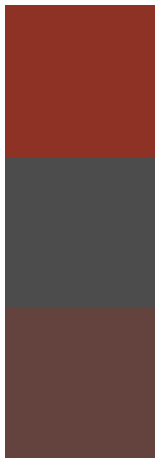
Deuteranomaly

78.7750, -22.0741, 33.5233

Tritanomaly

76.7640, -15.1667, 58.0890

Monochromacy



Original Color

76.1400, -18.8030, 57.7592

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

76.2970, -7.0484, 20.7875

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.1400, -18.8030, 57.7592 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(142, 50, 38)` looks like.

```
.text, #text, p{  
    color:rgb(142, 50, 38)  
}
```

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(142, 50, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 50, 38) }
```

Border

The CSS property to change the border of an element to YUV 76.1400, -18.8030, 57.7592 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(142, 50, 38) }
```


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

```
.border{ border-color:rgb(142, 50, 38) }
```

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

Here you see how a box with a 4 pixel rgb(142, 50, 38) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 50, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 50, 38);  
box-shadow:4px 4px 4px 4px rgb(142, 50,  
38) }
```

Background

The CSS property to change the background color of an element to YUV 76.1400, -18.8030, 57.7592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 50, 38) }
```

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

```
.background{ background-color: rgb(142, 50,  
38) }
```

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