

Converting Colors

YUV(69.9780, -13.3002,
19.3133)

Have a look what the booklet for
YUV(69.9780, -13.3002, 19.3133)
contains.

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Color

**YUV(69.9780, -13.3002,
19.3133)**

Conversions

Conversions Part 1

Format	Color
Hex	5C402B
RGB	92, 64, 43
RGB Percent	36%, 25%, 17%
CMY	0.6392, 0.7490, 0.8314
CMYK	0.00, 0.30, 0.53, 0.64
HSL	26°, 36%, 26%
HSV	26°, 53%, 36%
XYZ	6.6831, 6.1165, 3.1139
YIQ	69.9780, 23.4290, -0.5950

Conversions

Conversions Part 2

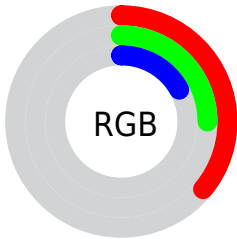
Format	Color
RYB	92, 80, 43
Decimal	6045739
CIELab	29.70, 9.37, 17.64
CIElCh	30, 19.973, 62.026
Yxy	6.1165, 0.4200, 0.3844
Android (android.graphics.Color)	4284235819 (0xFF5C402B)
YUV	69.9780, -13.3002, 19.3133
Hunter-Lab	24.7316, 4.9547, 9.8471

Details

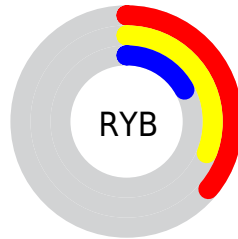
The YUV color **69.9780, -13.3002, 19.3133** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **65.0220, 13.3002, -19.3133**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.9460, -14.7634, 21.9724**, and **25.7820, -12.7105, 16.8542** is the 20% darker color. If you saturate the color by 10%, you get **66.0170, -15.7844, 22.7871**, and if you desaturate by 10%, it is **73.9390, -10.8159, 15.8395**.

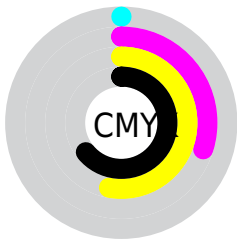
Distribution



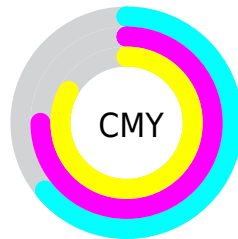
- Red (36%)
- Green (25%)
- Blue (17%)



- Red (36%)
- Yellow (31%)
- Blue (17%)



- Cyan (0%)
- Magenta (30%)
- Yellow (53%)
- Black (64%)



- Cyan (64%)
- Magenta (75%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 69.9780, -13.3002, 19.3133 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 69.9780, -13.3002, 19.3133 by changing the saturation by 10% instead.

■ 69.9780, -13.3002,
19.3133

■ 69.9780, -13.3002,
19.3133

■ 255.0000, 0.0000,
0.0000

■ 47.1950, -12.4211,
17.3690

■ 118.9460,
-14.7634, 21.9724

■ 25.7820, -12.7105,
16.8542

■ 144.4300,
-15.4950, 23.3019

■ 5.6810, -2.8007,
11.6808

■ 171.0280,
-15.7898, 24.5314

■ 0.0000, 0.0000,
0.0000

■ 198.8000,
-16.6634, 24.7314

■ 226.0990,
-16.8108, 25.3462

■ 246.3140,

-12.9728, 7.6176

254.3160, -2.6208,
0.5999

69.9780, -13.3002,
19.3133

69.9780, -13.3002,
19.3133

66.0170, -15.7844,
22.7871

73.9390, -10.8159,
15.8395

61.4690, -17.9792,
26.7757

78.4870, -8.6211,
11.8509

57.3940, -20.9002,
30.3495

82.5620, -5.7001,
8.2771

53.4330, -23.3845,
33.8233

86.5230, -3.2158,
4.8033

50.4010, -24.8477,
36.4823

90.4840, -0.7316,
1.3295

■ 95.0320, 1.4632,
-2.6591

■ 98.9930, 3.9475,
-6.1329

■ 103.0680, 6.8685,
-9.7066

■ 107.0290, 9.3527,
-13.1804

Harmonies

Analogous

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



70.3900, -8.0803, 25.0910



69.9780, -13.3002, 19.3133



68.5700, -14.5780, 9.1471

Triad

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



69.9780, -13.3002, 19.3133



60.7570, 5.0498, -33.1129



71.5130, 12.0721, 1.3041

Complementary

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



69.9780, -13.3002, 19.3133



65.0220, 13.3002, -19.3133

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.



67.8420, 16.3469, -16.5244



69.9780, -13.3002, 19.3133



57.0850, 14.2551, -45.6785

Square

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



69.9780, -13.3002, 19.3133



64.6250, -4.7451, -18.0881



61.6610, 17.4221, -34.7827



71.8200, 6.4977, 15.9439

Rectangle

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



69.9780, -13.3002, 19.3133



68.1560, -13.3879, 0.7402



61.6610, 17.4221, -34.7827



70.3490, 14.1249, -3.8141

Sweetspot

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



69.9780, -13.3002, 19.3133



111.3770, -5.1159, 7.5624



60.9570, 5.4442, 27.2247



56.2240, -3.0684, 4.1886



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.



69.9780, -13.3002, 19.3133



85.3940, -20.9002, 30.3495



84.0660, -20.2455, 6.9581



43.6690, -1.3158, 2.0443



60.4790, -29.8161, 43.4299



130.7370, -64.4533, 93.1927

Inverse Universe

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



65.0220, 13.3002, -19.3133



77.6060, 20.9002, -30.3495



50.9340, 20.2455, -6.9581



43.3310, 1.3158, -2.0443



49.5210, 29.8161, -43.4299



106.8500, 64.1639, -93.7074

Previews

White Background



This preview shows how the YUV color 69.9780, -13.3002, 19.3133 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 69.9780, -13.3002, 19.3133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

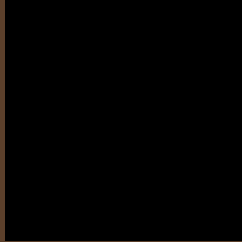
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 69.9780, -13.3002, 19.3133

Background



This preview shows how black text looks on a background with the YUV color 69.9780, -13.3002, 19.3133.

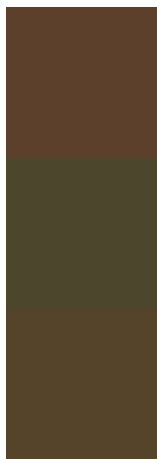


This preview shows how white text looks on a background with the YUV color 69.9780, -13.3002,

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

69.9780, -13.3002, 19.3133

Protanopia

68.9440, -11.8044, 6.1881

Deuteranopia

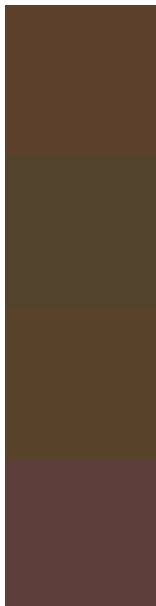
69.5320, -13.5733, 13.5654



Tritanopia

71.4370, -2.6804, 19.7878

Trichromacy



Original Color

69.9780, -13.3002, 19.3133

Protanomaly

69.4500, -12.5469, 11.0063

Deuteranomaly

69.8420, -13.7261, 15.9246

Tritanomaly

70.8130, -6.3168, 19.4580

Monochromacy



Original Color

69.9780, -13.3002, 19.3133

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

70.0780, -4.9685, 6.9476

CSS Examples

Text

The CSS property to change the color of the text to YUV 69.9780, -13.3002, 19.3133 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, 64, 43)` looks like.

```
.text, #text, p{  
    color:rgb(92, 64, 43)  
}
```

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, 64, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 64, 43) }
```

Border

The CSS property to change the border of an element to YUV 69.9780, -13.3002, 19.3133 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, 64, 43) }
```


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

```
.border{ border-color:rgb(92, 64, 43) }
```

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

Here you see how a box with a 4 pixel rgb(92, 64, 43) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 64, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 64, 43);  
box-shadow:4px 4px 4px 4px rgb(92, 64, 43)  
}
```

Background

The CSS property to change the background color of an element to YUV 69.9780, -13.3002, 19.3133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 64, 43) }
```

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

```
.background{ background-color: rgb(92, 64,  
43) }
```

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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