

Converting Colors

YUV(68.3910, -13.0108,
19.8281)

Have a look what the booklet for
YUV(68.3910, -13.0108, 19.8281)
contains.

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Color

**YUV(68.3910, -13.0108,
19.8281)**

Conversions

Conversions Part 1

Format	Color
Hex	5B3E2A
RGB	91, 62, 42
RGB Percent	36%, 24%, 16%
CMY	0.6431, 0.7569, 0.8353
CMYK	0.00, 0.32, 0.54, 0.64
HSL	24°, 37%, 26%
HSV	24°, 54%, 36%
XYZ	6.4549, 5.8366, 2.9768
YIQ	68.3910, 23.7040, -0.0720

Conversions

Conversions Part 2

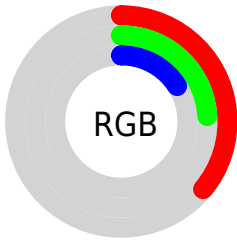
Format	Color
RYB	91, 76, 42
Decimal	5979690
CIELab	29.00, 10.05, 17.33
CIElCh	29, 20.031, 59.898
Yxy	5.8366, 0.4228, 0.3823
Android (android.graphics.Color)	4284169770 (0xFF5B3E2A)
YUV	68.3910, -13.0108, 19.8281
Hunter-Lab	24.1590, 5.4144, 9.6056

Details

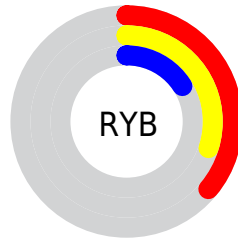
The YUV color **68.3910, -13.0108, 19.8281** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **64.6090, 13.0108, -19.8281**, and the grayscale version is **69.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **117.3590, -14.4740, 22.4872**, and **24.3090, -11.9843, 17.2690** is the 20% darker color. If you saturate the color by 10%, you get **64.4300, -15.4950, 23.3019**, and if you desaturate by 10%, it is **72.3520, -10.5265, 16.3543**.

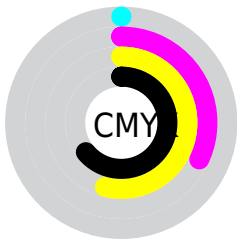
Distribution



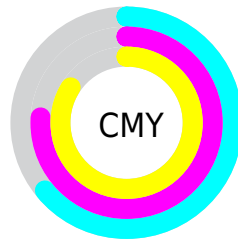
- Red (36%)
- Green (24%)
- Blue (16%)



- Red (36%)
- Yellow (30%)
- Blue (16%)



- Cyan (0%)
- Magenta (32%)
- Yellow (54%)
- Black (64%)



- Cyan (64%)
- Magenta (76%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 68.3910, -13.0108, 19.8281 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 68.3910, -13.0108, 19.8281 by changing the saturation by 10% instead.

■ 68.3910, -13.0108,
19.8281

■ 68.3910, -13.0108,
19.8281

255.0000, 0.0000,
0.0000

■ 45.6080, -12.1317,
17.8838

■ 117.3590,
-14.4740, 22.4872

■ 24.3090, -11.9843,
17.2690

■ 142.8430,
-15.2056, 23.8167

■ 4.1860, -2.0637,
8.6069

■ 169.4410,
-15.5004, 25.0462

■ 0.0000, 0.0000,
0.0000

■ 196.6260,
-16.0846, 25.7610

■ 224.8110,
-16.6688, 26.4758

■ 244.4390,

-12.5414, 9.2620

254.2020, -3.0576,
0.6998

68.3910, -13.0108,
19.8281

68.3910, -13.0108,
19.8281

64.4300, -15.4950,
23.3019

72.3520, -10.5265,
16.3543

59.8820, -17.6898,
27.2905

76.9000, -8.3317,
12.3657

55.9210, -20.1741,
30.7643

80.8610, -5.8475,
8.8919

51.3730, -22.3689,
34.7529

85.4090, -3.6526,
4.9033

48.9280, -24.1215,
36.8971

89.4840, -0.7316,
1.3295

■ 93.4450, 1.7526,
-2.1443

■ 97.9930, 3.9475,
-6.1329

■ 101.9540, 6.4317,
-9.6067

■ 105.9150, 8.9159,
-13.0805

Harmonies

Analogous

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



69.5040, -7.6435, 24.9910



68.3910, -13.0108, 19.8281



67.1680, -14.8728, 10.3767

Triad

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



68.3910, -13.0108, 19.8281



59.5290, 4.1762, -32.9129



69.3280, 12.6563, 0.5893

Complementary

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



68.3910, -13.0108, 19.8281



64.6090, 13.0108, -19.8281

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.



66.1300, 16.2049, -17.6540



68.3910, -13.0108, 19.8281



54.3730, 14.1131, -46.8081

Square

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



68.3910, -13.0108, 19.8281



63.1090, -5.4767, -16.7586



59.3510, 17.5750, -37.1418



70.5210, 6.6451, 15.3291

Rectangle

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



68.3910, -13.0108, 19.8281



66.4550, -13.5353, 1.3550



59.3510, 17.5750, -37.1418



68.3380, 14.1304, -5.5584

Sweetspot

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



68.3910, -13.0108, 19.8281



108.4910, -4.6791, 7.4624



59.9570, 5.4442, 27.2247



53.6370, -2.7790, 4.7034



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



68.3910, -13.0108, 19.8281



81.9210, -20.1741, 30.7643



82.4790, -19.9561, 7.4729



43.6690, -1.3158, 2.0443



59.3050, -29.2374, 44.4595



127.8020, -63.0064, 95.7666

Inverse Universe

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



64.6090, 13.0108, -19.8281



76.0790, 20.1741, -30.7643



50.5210, 19.9561, -7.4729



43.3310, 1.3158, -2.0443



50.6950, 29.2374, -44.4595



109.1980, 63.0064, -95.7666

Previews

White Background



This preview shows how the YUV color 68.3910, -13.0108, 19.8281 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 68.3910, -13.0108, 19.8281 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

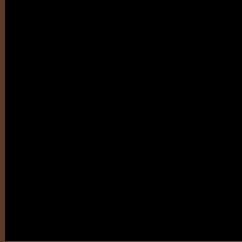
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 68.3910, -13.0108, 19.8281

Background



This preview shows how black text looks on a background with the YUV color 68.3910, -13.0108, 19.8281.

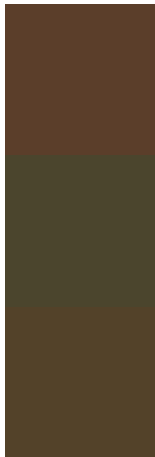


This preview shows how white text looks on a background with the YUV color 68.3910, -13.0108,

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

68.3910, -13.0108, 19.8281

Protanopia

68.0580, -11.3676, 6.0881

Deuteranopia

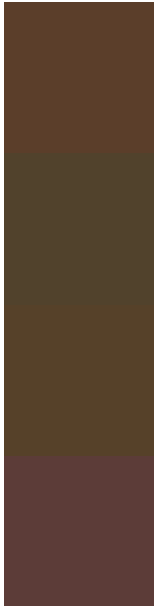
68.2330, -13.4259, 12.9507



Tritanopia

69.7360, -2.8278, 20.4025

Trichromacy



Original Color

68.3910, -13.0108, 19.8281

Protanomaly

67.9770, -11.8207, 11.4212

Deuteranomaly

68.5430, -13.5787, 15.3098

Tritanomaly

69.1120, -6.4642, 20.0728

Monochromacy



Original Color

68.3910, -13.0108, 19.8281

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

68.1920, -4.5317, 6.8476

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.3910, -13.0108, 19.8281 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(91, 62, 42)` looks like.

```
.text, #text, p{  
    color:rgb(91, 62, 42)  
}
```

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(91, 62, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 62, 42) }
```

Border

The CSS property to change the border of an element to YUV 68.3910, -13.0108, 19.8281 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(91, 62, 42) }
```


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

```
.border{ border-color:rgb(91, 62, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 62, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 62, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 62, 42);  
box-shadow:4px 4px 4px 4px rgb(91, 62, 42)  
}
```

Background

The CSS property to change the background color of an element to YUV 68.3910, -13.0108, 19.8281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 62, 42) }
```

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

```
.background{ background-color: rgb(91, 62,  
42) }
```

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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