

Converting Colors

YUV(68.2770, -13.4476,
19.9281)

Have a look what the booklet for
YUV(68.2770, -13.4476, 19.9281)
contains.

YUV(68.2770, -13.4476, 19.9281)	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(68.2770, -13.4476,
19.9281)**

Conversions

Conversions Part 1

Format	Color
Hex	5B3E29
RGB	91, 62, 41
RGB Percent	36%, 24%, 16%
CMY	0.6431, 0.7569, 0.8392
CMYK	0.00, 0.32, 0.55, 0.64
HSL	25°, 38%, 26%
HSV	25°, 55%, 36%
XYZ	6.4372, 5.8295, 2.8837
YIQ	68.2770, 24.0250, -0.3830

Conversions

Conversions Part 2

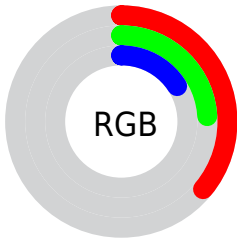
Format	Color
RYB	91, 77, 41
Decimal	5979689
CIELab	28.98, 9.94, 17.93
CIElCh	29, 20.502, 61.005
Yxy	5.8295, 0.4249, 0.3848
Android (android.graphics.Color)	4284169769 (0xFF5B3E29)
YUV	68.2770, -13.4476, 19.9281
Hunter-Lab	24.1443, 5.3382, 9.8196

Details

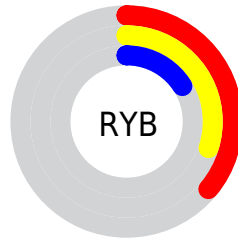
The YUV color **68.2770, -13.4476, 19.9281** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **63.7230, 13.4476, -19.9281**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **117.2450, -14.9108, 22.5871**, and **24.3090, -11.9843, 17.2690** is the 20% darker color. If you saturate the color by 10%, you get **64.3160, -15.9318, 23.4019**, and if you desaturate by 10%, it is **72.2380, -10.9633, 16.4543**.

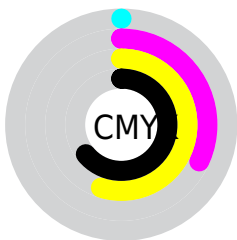
Distribution



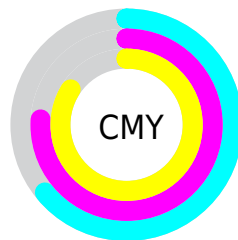
- Red (36%)
- Green (24%)
- Blue (16%)



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



- Cyan (0%)
- Magenta (32%)
- Yellow (55%)
- Black (64%)



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

Brightness & Saturation Gradients

These gradients show how the YUV color 68.2770, -13.4476, 19.9281 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 68.2770, -13.4476, 19.9281 by changing the saturation by 10% instead.

■ 68.2770, -13.4476,
19.9281

■ 68.2770, -13.4476,
19.9281

255.0000, 0.0000,
0.0000

■ 45.4940, -12.5685,
17.9838

■ 117.2450,
-14.9108, 22.5871

■ 24.3090, -11.9843,
17.2690

■ 142.7290,
-15.6424, 23.9167

■ 4.1860, -2.0637,
8.6069

■ 169.3270,
-15.9372, 25.1462

■ 0.0000, 0.0000,
0.0000

■ 196.5120,
-16.5214, 25.8610

■ 224.6970,
-17.1056, 26.5757

■ 244.3250,

-12.9782, 9.3620

253.9740, -3.9312,
0.8998

68.2770, -13.4476,
19.9281

68.2770, -13.4476,
19.9281

64.3160, -15.9318,
23.4019

72.2380, -10.9633,
16.4543

59.7680, -18.1266,
27.3905

76.7860, -8.7685,
12.4657

55.8070, -20.6109,
30.8643

80.7470, -6.2843,
8.9919

51.8460, -23.0951,
34.3381

84.7080, -3.8000,
5.5181

49.5150, -24.4109,
36.3823

88.7830, -0.8790,
1.9443

■ 93.3310, 1.3158,
-2.0443

■ 97.2920, 3.8000,
-5.5181

■ 101.2530, 6.2843,
-8.9919

■ 105.8010, 8.4791,
-12.9805

Harmonies

Analogous

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



68.8030, -7.7909, 25.6058



68.2770, -13.4476, 19.9281



67.3420, -15.4516, 9.3471

Triad

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



68.2770, -13.4476, 19.9281



58.6320, 4.6184, -34.7573



69.6270, 12.5089, 1.2041

Complementary

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



68.2770, -13.4476, 19.9281



63.7230, 13.4476, -19.9281

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.



66.2440, 16.6417, -17.7540



68.2770, -13.4476, 19.9281



54.1880, 14.6973, -47.5229

Square

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



68.2770, -13.4476, 19.9281



62.5110, -5.1819, -17.9881



58.8670, 18.3066, -38.4714



70.8200, 6.4977, 15.9439

Rectangle

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



68.2770, -13.4476, 19.9281



66.0420, -13.8247, 0.8402



58.8670, 18.3066, -38.4714



68.7510, 14.4198, -5.0436

Sweetspot

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



68.2770, -13.4476, 19.9281



108.4910, -4.6791, 7.4624



59.2560, 5.2968, 27.8395



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.



68.2770, -13.4476, 19.9281



81.8070, -20.6109, 30.8643



82.9520, -20.6823, 7.0581



43.6690, -1.3158, 2.0443



59.8920, -29.5268, 43.9447



129.5630, -63.8746, 94.2222

Inverse Universe

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



63.7230, 13.4476, -19.9281



75.1930, 20.6109, -30.8643



49.0480, 20.6823, -7.0581



43.3310, 1.3158, -2.0443



50.1080, 29.5268, -43.9447



108.0240, 63.5852, -94.7370

Previews

White Background



This preview shows how the YUV color 68.2770, -13.4476, 19.9281 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 68.2770, -13.4476, 19.9281 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

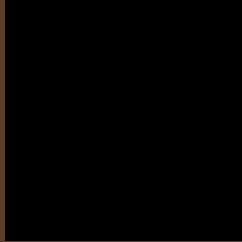
Any Text WCAG AA × Fail

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 68.2770, -13.4476, 19.9281 Background



This preview shows how black text looks on a background with the YUV color 68.2770, -13.4476, 19.9281.

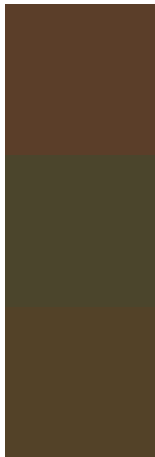


This preview shows how white text looks on a background with the YUV color 68.2770, -13.4476,

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

68.2770, -13.4476, 19.9281

Protanopia

67.9440, -11.8044, 6.1881

Deuteranopia

68.1190, -13.8627, 13.0506



Tritanopia

69.7360, -2.8278, 20.4025

Trichromacy



Original Color

68.2770, -13.4476, 19.9281

Protanomaly

67.8630, -12.2575, 11.5211

Deuteranomaly

68.4290, -14.0155, 15.4098

Tritanomaly

69.1120, -6.4642, 20.0728

Monochromacy



Original Color

68.2770, -13.4476, 19.9281

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

68.0780, -4.9685, 6.9476

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.2770, -13.4476, 19.9281 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, 41)` looks like.

```
.text, #text, p{  
    color:rgb(91, 62, 41)  
}
```

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, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 62, 41) }
```

Border

The CSS property to change the border of an element to YUV 68.2770, -13.4476, 19.9281 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, 41) }
```


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

```
.border{ border-color:rgb(91, 62, 41) }
```

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, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 62, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 62, 41);  
box-shadow:4px 4px 4px 4px rgb(91, 62, 41)  
}
```

Background

The CSS property to change the background color of an element to YUV 68.2770, -13.4476, 19.9281 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, 41) }
```

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

```
.background{ background-color: rgb(91, 62,  
41) }
```

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