

Converting Colors

YUV(70.5810, -11.1324,
24.0465)

Have a look what the booklet for
YUV(70.5810, -11.1324, 24.0465)
contains.

YUV(70.5810, -11.1324, 24.0465)	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(70.5810, -11.1324,
24.0465)**

Conversions

Conversions Part 1

Format	Color
Hex	623D30
RGB	98, 61, 48
RGB Percent	38%, 24%, 19%
CMY	0.6157, 0.7608, 0.8118
CMYK	0.00, 0.38, 0.51, 0.62
HSL	16°, 34%, 29%
HSV	16°, 51%, 38%
XYZ	7.2392, 6.1476, 3.6014
YIQ	70.5810, 26.2250, 3.8010

Conversions

Conversions Part 2

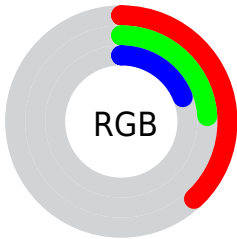
Format	Color
R_{YB}	98, 66, 48
Decimal	6438192
CIE _{Lab}	29.78, 14.61, 14.73
CIE _{LCh}	30, 20.749, 45.245
Yxy	6.1476, 0.4261, 0.3619
Android (android.graphics.Color)	4284628272 (0xFF623D30)
YUV	70.5810, -11.1324, 24.0465
Hunter-Lab	24.7943, 8.7271, 8.7442

Details

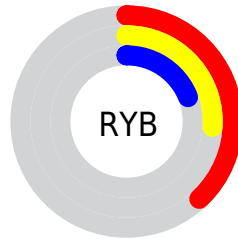
The YUV color **70.5810, -11.1324, 24.0465** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **75.4190, 11.1324, -24.0465**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.8480, -12.7431, 27.3203**, and **25.6300, -12.1426, 21.3725** is the 20% darker color. If you saturate the color by 10%, you get **65.3320, -13.4747, 28.6498**, and if you desaturate by 10%, it is **75.8300, -8.7902, 19.4431**.

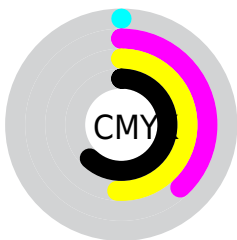
Distribution



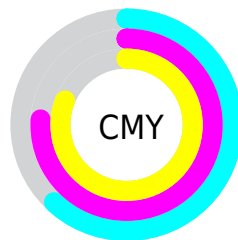
- Red (38%)
- Green (24%)
- Blue (19%)



- Red (38%)
- Yellow (26%)
- Blue (19%)



- Cyan (0%)
- Magenta (38%)
- Yellow (51%)
- Black (62%)



- Cyan (62%)
- Magenta (76%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.5810, -11.1324, 24.0465 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 70.5810, -11.1324, 24.0465 by changing the saturation by 10% instead.

70.5810, -11.1324,
24.0465

70.5810, -11.1324,
24.0465

255.0000, 0.0000,
0.0000

47.7980, -10.2534,
22.1022

119.8480,
-12.7431, 27.3203

25.6300, -12.1426,
21.3725

145.4460,
-13.0379, 28.5499

8.1870, -3.5432,
16.4990

172.0440,
-13.3327, 29.7794

0.0000, 0.0000,
0.0000

199.5280,
-14.0643, 31.1089

225.0220,
-13.3218, 26.2907

245.2370, -9.4838,

8.5622

■ 70.5810, -11.1324,
24.0465

■ 70.5810, -11.1324,
24.0465

■ 65.3320, -13.4747,
28.6498

■ 75.8300, -8.7902,
19.4431

■ 59.4960, -15.5275,
33.7680

■ 81.6660, -6.7373,
14.3249

■ 54.3610, -17.4330,
38.2714

■ 86.8010, -4.8319,
9.8215

■ 49.1120, -19.7752,
42.8748

■ 92.0500, -2.4897,
5.2181

■ 43.9770, -21.6807,
47.3782

■ 97.2990, -0.1474,
0.6148

■ 103.1350, 1.9054,
-4.5034

■ 108.3840, 4.2477,
-9.1068

■ 113.5190, 6.1531,
-13.6102

■ 118.7680, 8.4954,
-18.2135

Harmonies

Analogous

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



71.6120, -4.7387, 26.6503



70.5810, -11.1324, 24.0465



69.5000, -15.0365, 16.2245

Triad

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



70.5810, -11.1324, 24.0465



62.9060, -0.9397, -25.3506



69.9570, 15.3042, -8.7323

Complementary

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



70.5810, -11.1324, 24.0465



75.4190, 11.1324, -24.0465

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.



64.5200, 17.9846, -28.5200



70.5810, -11.1324, 24.0465



57.3580, 10.1765, -44.1640

Square

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



70.5810, -11.1324, 24.0465



66.1160, -9.4242, -10.6257



55.8010, 18.3391, -48.9375



72.1010, 10.3032, 8.6814

Rectangle

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



70.5810, -11.1324, 24.0465



68.7440, -15.1568, 8.1175



55.8010, 18.3391, -48.9375



68.5540, 16.4889, -15.3949

Sweetspot

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



70.5810, -11.1324, 24.0465



116.9150, -4.3951, 9.7215



67.2820, 9.2280, 26.9397



57.3490, -2.6371, 5.8329



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



70.5810, -11.1324, 24.0465



85.0620, -17.2856, 37.6566



85.2560, -18.3672, 11.1765



45.7830, -0.8790, 1.9443



50.5110, -24.9019, 53.9259



108.1540, -53.3199, 115.6289

Inverse Universe

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



75.4190, 11.1324, -24.0465



92.3510, 17.5750, -37.1418



61.3310, 18.0778, -11.6913



46.2170, 0.8790, -1.9443



61.4890, 24.9019, -53.9259



131.2590, 53.6093, -115.1141

Previews

White Background



This preview shows how the YUV color 70.5810, -11.1324, 24.0465 looks on a white background.

Color Contrast Check

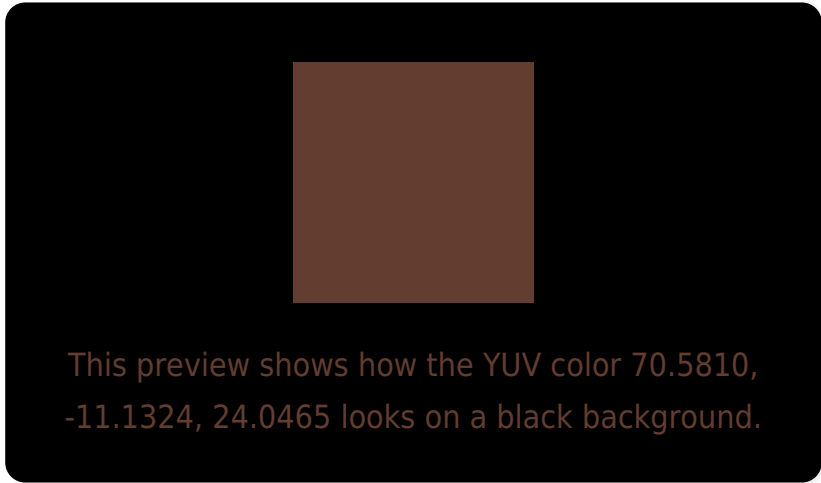
Large Text (above 18pt) WCAG AA ✓ Pass

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

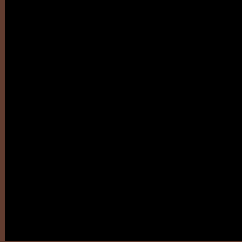
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 70.5810, -11.1324, 24.0465

Background



This preview shows how black text looks on a background with the YUV color 70.5810, -11.1324, 24.0465.

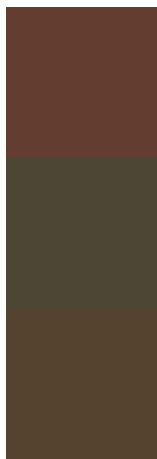


This preview shows how white text looks on a background with the YUV color 70.5810, -11.1324,

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

70.5810, -11.1324, 24.0465

Protanopia

69.7420, -8.7468, 5.4883

Deuteranopia

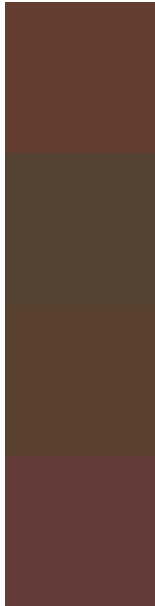
70.1020, -11.3893, 13.0655



Tritanopia

71.4160, -4.1491, 24.1912

Trichromacy



Original Color

70.5810, -11.1324, 24.0465

Protanomaly

70.2590, -9.4947, 12.0509

Deuteranomaly

70.4230, -11.5475, 17.1690

Tritanomaly

71.4330, -6.6225, 24.1763

Monochromacy



Original Color

70.5810, -11.1324, 24.0465

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

70.7300, -3.8109, 9.0068

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.5810, -11.1324, 24.0465 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(98, 61, 48)` looks like.

```
.text, #text, p{  
    color:rgb(98, 61, 48)  
}
```

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(98, 61, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 61, 48) }
```

Border

The CSS property to change the border of an element to YUV 70.5810, -11.1324, 24.0465 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(98, 61, 48) }
```


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

```
.border{ border-color:rgb(98, 61, 48) }
```

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

Here you see how a box with a 4 pixel rgb(98, 61, 48) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 61, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 61, 48);  
box-shadow:4px 4px 4px 4px rgb(98, 61, 48)  
}
```

Background

The CSS property to change the background color of an element to YUV 70.5810, -11.1324, 24.0465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 61, 48) }
```

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

```
.background{ background-color: rgb(98, 61,  
48) }
```

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