

Converting Colors

YUV(71.1240, -11.4001,
16.5543)

Have a look what the booklet for
YUV(71.1240, -11.4001, 16.5543)
contains.

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Color

**YUV(71.1240, -11.4001,
16.5543)**

Conversions

Conversions Part 1

Format	Color
Hex	5A4230
RGB	90, 66, 48
RGB Percent	35%, 26%, 19%
CMY	0.6471, 0.7412, 0.8118
CMYK	0.00, 0.27, 0.47, 0.65
HSL	26°, 30%, 27%
HSV	26°, 47%, 35%
XYZ	6.6982, 6.2835, 3.6561
YIQ	71.1240, 20.0820, -0.5100

Conversions

Conversions Part 2

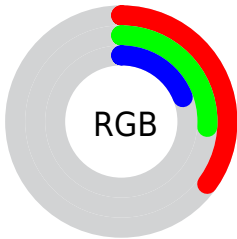
Format	Color
RYB	90, 80, 48
Decimal	5915184
CIELab	30.12, 7.75, 14.99
CIElCh	30, 16.872, 62.665
Yxy	6.2835, 0.4026, 0.3777
Android (android.graphics.Color)	4284105264 (0xFF5A4230)
YUV	71.1240, -11.4001, 16.5543
Hunter-Lab	25.0669, 3.8302, 8.8991




Details

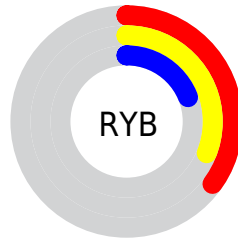
The YUV color **71.1240, -11.4001, 16.5543** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **66.8760, 11.4001, -16.5543**, and the grayscale version is **71.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **119.7930, -12.7159, 18.5985**, and **26.4720, -12.5577, 14.4951** is the 20% darker color. If you saturate the color by 10%, you get **67.1630, -13.8844, 20.0280**, and if you desaturate by 10%, it is **75.0850, -8.9159, 13.0805**.

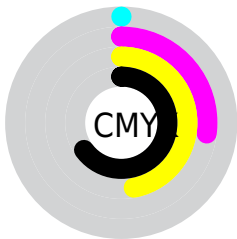
Distribution







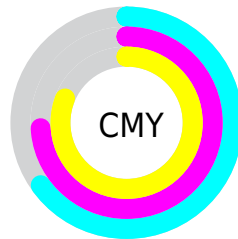
-  Red (35%)
-  Green (26%)
-  Blue (19%)






-  Red (35%)
-  Yellow (31%)
-  Blue (19%)



-  Cyan (0%)
-  Magenta (27%)
-  Yellow (47%)
-  Black (65%)



-  Cyan (65%)
-  Magenta (74%)
-  Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.1240, -11.4001, 16.5543 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 71.1240, -11.4001, 16.5543 by changing the saturation by 10% instead.

71.1240, -11.4001,
16.5543

71.1240, -11.4001,
16.5543

255.0000, 0.0000,
0.0000

48.6400, -10.6685,
15.2247

119.7930,
-12.7159, 18.5985

26.4720, -12.5577,
14.4951

145.3910,
-13.0108, 19.8281

5.6810, -2.8007,
11.6808

172.5760,
-13.5950, 20.5428

0.0000, 0.0000,
0.0000

199.7610,
-14.1792, 21.2576

228.0600,
-14.3266, 21.8724

248.2860,

-10.4940, 5.8882

■ 71.1240, -11.4001,
16.5543

■ 71.1240, -11.4001,
16.5543

■ 67.1630, -13.8844,
20.0280

■ 75.0850, -8.9159,
13.0805

■ 63.2020, -16.3686,
23.5018

■ 79.0460, -6.4317,
9.6067

■ 59.2410, -18.8528,
26.9756

■ 83.0070, -3.9475,
6.1329

■ 54.6930, -21.0476,
30.9642

■ 87.5550, -1.7526,
2.1443

■ 50.7320, -23.5319,
34.4380

■ 91.5160, 0.7316,
-1.3295

■ 49.8030, -24.5529,
35.2528

■ 95.4770, 3.2158,
-4.8033

■ 99.4380, 5.7001,
-8.2771

■ 103.3990, 8.1843,
-11.7509

■ 107.3600, 10.6685,
-15.2247

Harmonies

Analogous

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



71.5960, -7.1958, 21.4023



71.1240, -11.4001, 16.5543



69.8410, -12.2466, 8.0324

Triad

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



71.1240, -11.4001, 16.5543



64.4590, 3.7177, -25.8355



72.0570, 10.3249, 1.7040

Complementary

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



71.1240, -11.4001, 16.5543



66.8760, 11.4001, -16.5543

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.



69.7670, 13.4259, -12.9507



71.1240, -11.4001, 16.5543



63.5490, 10.5753, -32.0535

Square

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



71.1240, -11.4001, 16.5543



66.7610, -4.3192, -14.6994



65.5050, 14.0480, -25.8759



73.0540, 4.9034, 13.9846

Rectangle

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



71.1240, -11.4001, 16.5543



69.0250, -11.3513, 0.8551



65.5050, 14.0480, -25.8759



71.6650, 11.5042, -3.2142

Sweetspot

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



71.1240, -11.4001, 16.5543



109.8930, -4.3842, 6.2328



63.2940, 4.2921, 23.4212



54.3380, -2.6316, 4.0886



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.



71.1240, -11.4001, 16.5543



87.8710, -17.6844, 25.5461



83.4510, -17.4773, 5.7435



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.



66.8760, 11.4001, -16.5543



81.1290, 17.6844, -25.5461



54.5490, 17.4773, -5.7435



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 71.1240, -11.4001, 16.5543 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 71.1240, -11.4001, 16.5543 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

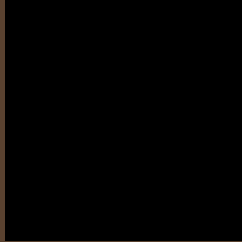
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 71.1240, -11.4001, 16.5543

Background



This preview shows how black text looks on a background with the YUV color 71.1240, -11.4001, 16.5543.

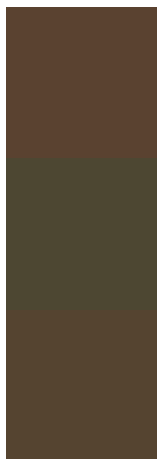


This preview shows how white text looks on a background with the YUV color 71.1240, -11.4001,

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

71.1240, -11.4001, 16.5543

Protanopia

70.4000, -10.0572, 5.7882

Deuteranopia

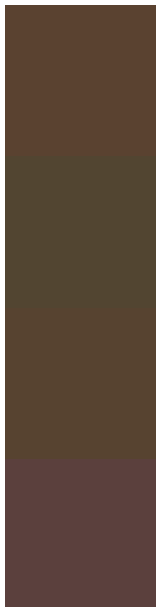
70.8030, -11.2419, 12.4508



Tritanopia

72.2410, -2.0908, 17.3286

Trichromacy



Original Color

71.1240, -11.4001, 16.5543

Protanomaly

70.6070, -10.6523, 9.9917

Deuteranomaly

70.8140, -11.2473, 14.1951

Tritanomaly

71.7310, -5.2904, 16.8989

Monochromacy



Original Color

71.1240, -11.4001, 16.5543

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

71.0070, -3.9475, 6.1329

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.1240, -11.4001, 16.5543 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(90, 66, 48)` looks like.

```
.text, #text, p{  
    color:rgb(90, 66, 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(90, 66, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 66, 48) }
```

Border

The CSS property to change the border of an element to YUV 71.1240, -11.4001, 16.5543 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(90, 66, 48) }
```


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

```
.border{ border-color:rgb(90, 66, 48) }
```

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

Here you see how a box with a 4 pixel rgb(90, 66, 48) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 66, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 66, 48);  
box-shadow:4px 4px 4px 4px rgb(90, 66, 48)  
}
```

Background

The CSS property to change the background color of an element to YUV 71.1240, -11.4001, 16.5543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 66, 48) }
```

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

```
.background{ background-color: rgb(90, 66,  
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](#).

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