

Converting Colors

YUV(70.1240, -11.4001,
16.5543)

Have a look what the booklet for
YUV(70.1240, -11.4001, 16.5543)
contains.

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Color

**YUV(70.1240, -11.4001,
16.5543)**

Conversions

Conversions Part 1

Format	Color
Hex	59412F
RGB	89, 65, 47
RGB Percent	35%, 25%, 18%
CMY	0.6510, 0.7451, 0.8157
CMYK	0.00, 0.27, 0.47, 0.65
HSL	26°, 31%, 27%
HSV	26°, 47%, 35%
XYZ	6.5232, 6.1097, 3.5248
YIQ	70.1240, 20.0820, -0.5100

Conversions

Conversions Part 2

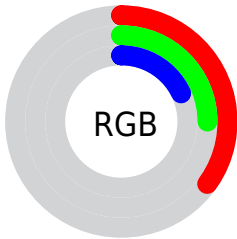
Format	Color
R_YB	89, 79, 47
Decimal	5849391
CIE Lab	29.69, 7.78, 15.03
CIE LCh	30, 16.926, 62.622
Yxy	6.1097, 0.4037, 0.3781
Android (android.graphics.Color)	4284039471 (0xFF59412F)
YUV	70.1240, -11.4001, 16.5543
Hunter-Lab	24.7178, 3.8515, 8.8476

Details

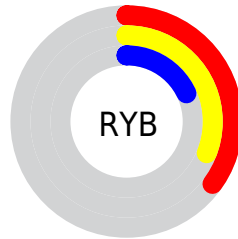
The YUV color **70.1240, -11.4001, 16.5543** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **65.8760, 11.4001, -16.5543**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.7930, -12.7159, 18.5985**, and **25.7710, -12.7051, 15.1098** is the 20% darker color. If you saturate the color by 10%, you get **66.1630, -13.8844, 20.0280**, and if you desaturate by 10%, it is **74.0850, -8.9159, 13.0805**.

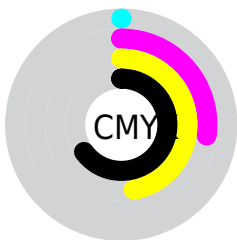
Distribution



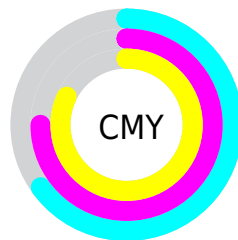
- Red (35%)
- Green (25%)
- Blue (18%)



- Red (35%)
- Yellow (31%)
- Blue (18%)



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



- Cyan (65%)
- Magenta (75%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.1240, -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 70.1240, -11.4001, 16.5543 by changing the saturation by 10% instead.

70.1240, -11.4001,
16.5543

70.1240, -11.4001,
16.5543

255.0000, 0.0000,
0.0000

47.6400, -10.6685,
15.2247

118.7930,
-12.7159, 18.5985

25.7710, -12.7051,
15.1098

144.3910,
-13.0108, 19.8281

4.7840, -2.3585,
9.8364

171.4620,
-14.0318, 20.6428

0.0000, 0.0000,
0.0000

198.7610,
-14.1792, 21.2576

226.9460,
-14.7634, 21.9724

247.4710,

-11.0782, 6.6029

254.8860, -0.4368,
0.1000

■ 70.1240, -11.4001,
16.5543

■ 70.1240, -11.4001,
16.5543

■ 66.1630, -13.8844,
20.0280

■ 74.0850, -8.9159,
13.0805

■ 62.2020, -16.3686,
23.5018

■ 78.0460, -6.4317,
9.6067

■ 58.2410, -18.8528,
26.9756

■ 82.0070, -3.9475,
6.1329

■ 54.2800, -21.3370,
30.4494

■ 85.9680, -1.4632,
2.6591

■ 50.4330, -23.3845,
33.8233

■ 89.8150, 0.5842,
-0.7148

■ 48.9170, -24.1161,
35.1528

■ 94.3630, 2.7790,
-4.7034

■ 98.3240, 5.2633,
-8.1771

■ 102.2850, 7.7475,
-11.6509

■ 106.2460, 10.2317,
-15.1247

Harmonies

Analogous

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



70.5960, -7.1958, 21.4023



70.1240, -11.4001, 16.5543



68.8410, -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.



70.1240, -11.4001, 16.5543



63.4590, 3.7177, -25.8355



71.0570, 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.



70.1240, -11.4001, 16.5543



65.8760, 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.



68.7670, 13.4259, -12.9507



70.1240, -11.4001, 16.5543



62.5490, 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.



70.1240, -11.4001, 16.5543



65.4620, -4.1718, -15.3142



64.5050, 14.0480, -25.8759



72.0540, 4.9034, 13.9846

Rectangle

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



70.1240, -11.4001, 16.5543



68.0250, -11.3513, 0.8551



64.5050, 14.0480, -25.8759



70.6650, 11.5042, -3.2142

Sweetspot

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



70.1240, -11.4001, 16.5543



107.8930, -4.3842, 6.2328



62.2940, 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.



70.1240, -11.4001, 16.5543



85.1700, -17.8318, 26.1609



82.4510, -17.4773, 5.7435



41.3700, -1.1684, 1.4295



58.9950, -29.0845, 42.1004



129.5520, -63.8691, 92.4779

Inverse Universe

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



65.8760, 11.4001, -16.5543



78.8300, 17.8318, -26.1609



53.5490, 17.4773, -5.7435



40.6300, 1.1684, -1.4295



48.0050, 29.0845, -42.1004



105.4480, 63.8691, -92.4779

Previews

White Background



This preview shows how the YUV color 70.1240, -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 70.1240, -11.4001, 16.5543 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

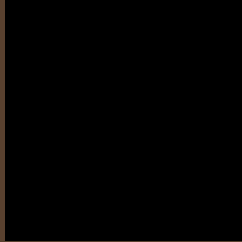
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 70.1240, -11.4001, 16.5543

Background



This preview shows how black text looks on a background with the YUV color 70.1240, -11.4001, 16.5543.

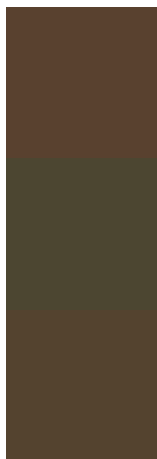


This preview shows how white text looks on a background with the YUV color 70.1240, -11.4001,

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

70.1240, -11.4001, 16.5543

Protanopia

69.4000, -10.0572, 5.7882

Deuteranopia

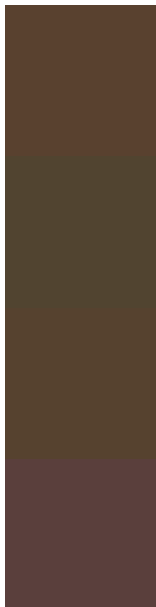
69.8030, -11.2419, 12.4508



Tritanopia

71.2410, -2.0908, 17.3286

Trichromacy



Original Color

70.1240, -11.4001, 16.5543

Protanomaly

69.6070, -10.6523, 9.9917

Deuteranomaly

69.8140, -11.2473, 14.1951

Tritanomaly

70.7310, -5.2904, 16.8989

Monochromacy



Original Color

70.1240, -11.4001, 16.5543

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

70.0070, -3.9475, 6.1329

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.1240, -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(89, 65, 47)` looks like.

```
.text, #text, p{  
    color:rgb(89, 65, 47)  
}
```

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(89, 65, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 65, 47) }
```

Border

The CSS property to change the border of an element to YUV 70.1240, -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(89, 65, 47) }
```


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

```
.border{ border-color:rgb(89, 65, 47) }
```

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

Here you see how a box with a 4 pixel rgb(89, 65, 47) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 65, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 65, 47);  
box-shadow:4px 4px 4px 4px rgb(89, 65, 47)  
}
```

Background

The CSS property to change the background color of an element to YUV 70.1240, -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(89, 65, 47) }
```

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

```
.background{ background-color: rgb(89, 65,  
47) }
```

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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