

Converting Colors

YUV(71.7490, -12.6943,
11.6211)

Have a look what the booklet for
YUV(71.7490, -12.6943, 11.6211)
contains.

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Color

**YUV(71.7490, -12.6943,
11.6211)**

Conversions

Conversions Part 1

Format	Color
Hex	55462E
RGB	85, 70, 46
RGB Percent	33%, 27%, 18%
CMY	0.6667, 0.7255, 0.8196
CMYK	0.00, 0.18, 0.46, 0.67
HSL	37°, 30%, 26%
HSV	37°, 46%, 33%
XYZ	6.4296, 6.5089, 3.5022
YIQ	71.7490, 16.6440, -4.2840

Conversions

Conversions Part 2

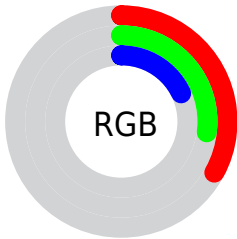
Format	Color
R_{YB}	70, 85, 46
Decimal	5588526
CIE Lab	30.66, 2.60, 16.85
CIE LCh	31, 17.046, 81.223
Yxy	6.5089, 0.3911, 0.3959
Android (android.graphics.Color)	4283778606 (0xFF55462E)
YUV	71.7490, -12.6943, 11.6211
Hunter-Lab	25.5125, 0.3384, 9.7197

Details

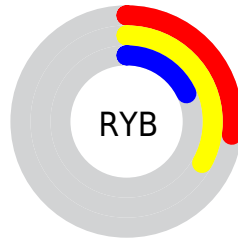
The YUV color **71.7490, -12.6943, 11.6211** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **59.2510, 12.6943, -11.6211**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **120.4180, -14.0101, 13.6654**, and **27.8090, -13.7098, 10.6915** is the 20% darker color. If you saturate the color by 10%, you get **68.9620, -15.7573, 14.0653**, and if you desaturate by 10%, it is **74.4220, -10.0680, 9.2769**.

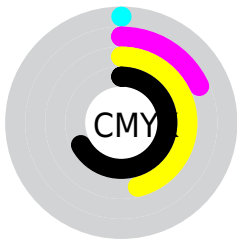
Distribution



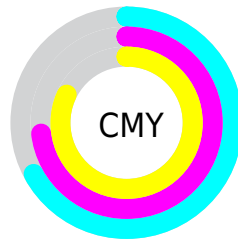
- Red (33%)
- Green (27%)
- Blue (18%)



- Red (27%)
- Yellow (33%)
- Blue (18%)



- Cyan (0%)
- Magenta (18%)
- Yellow (46%)
- Black (67%)



- Cyan (67%)
- Magenta (73%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.7490, -12.6943, 11.6211 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 71.7490, -12.6943, 11.6211 by changing the saturation by 10% instead.

71.7490, -12.6943,
11.6211

71.7490, -12.6943,
11.6211

255.0000, 0.0000,
0.0000

49.2650, -11.9626,
10.2916

120.4180,
-14.0101, 13.6654

27.8090, -13.7098,
10.6915

146.3040,
-14.4469, 13.7654

2.9900, -1.4741,
6.1478

172.9020,
-14.7417, 14.9949

0.0000, 0.0000,
0.0000

200.0870,
-15.3259, 15.7097

227.9730,
-15.7627, 15.8097

250.8790,

-13.2513, 3.6141

254.7720, -0.8736,
0.2000

■ 71.7490, -12.6943,
11.6211

■ 71.7490, -12.6943,
11.6211

■ 68.9620, -15.7573,
14.0653

■ 74.4220, -10.0680,
9.2769

■ 65.7020, -18.0941,
16.9243

■ 77.7960, -7.2944,
6.3179

■ 62.9150, -21.1571,
19.3685

■ 80.4690, -4.6682,
3.9737

■ 60.2420, -23.7833,
21.7128

■ 83.2560, -1.6052,
1.5295

■ 57.5690, -26.4095,
24.0570

■ 85.9290, 1.0210,
-0.8147

■ 55.9390, -27.5779,
25.4865

■ 89.3030, 3.7946,
-3.7737

■ 91.9760, 6.4208,
-6.1180

■ 94.7630, 9.4838,
-8.5622

■ 97.4360, 12.1101,
-10.9064

Harmonies

Analogous

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



73.0750, -10.3900, 19.2282



71.7490, -12.6943, 11.6211



70.3240, -11.4987, 1.4699

Triad

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



71.7490, -12.6943, 11.6211



64.2780, 8.2439, -30.9388



74.3030, 7.2456, 9.3813

Complementary

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



71.7490, -12.6943, 11.6211



59.2510, 12.6943, -11.6211

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.



72.7790, 11.9410, -3.3142



71.7490, -12.6943, 11.6211



65.8420, 12.8959, -29.6794

Square

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



71.7490, -12.6943, 11.6211



66.3840, 0.7967, -22.2618



69.8480, 13.8789, -18.2837



74.4630, 1.2507, 18.8879

Rectangle

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



71.7490, -12.6943, 11.6211



69.6650, -8.7088, -6.7222



69.8480, 13.8789, -18.2837



73.7370, 9.0037, 5.4927

Sweetspot

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



71.7490, -12.6943, 11.6211



104.6540, -5.2524, 4.6884



59.4850, 1.2399, 22.3767



52.6260, -2.7736, 2.9590



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



71.7490, -12.6943, 11.6211



88.9580, -19.6993, 18.4538



79.3580, -16.4455, 1.4400



41.9570, -1.4578, 0.9147



70.7350, -34.8724, 31.8044



154.7930, -76.3129, 70.3415

Inverse Universe

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



59.2510, 12.6943, -11.6211



70.0420, 19.6993, -18.4538



51.6420, 16.4455, -1.4400



40.6300, 1.1684, -1.4295



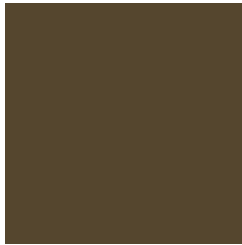
36.2650, 34.8724, -31.8044



79.6200, 76.6023, -69.8267

Previews

White Background



This preview shows how the YUV color 71.7490, -12.6943, 11.6211 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 71.7490, -12.6943, 11.6211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

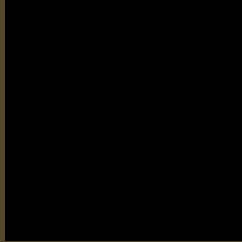
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 71.7490, -12.6943, 11.6211

Background



This preview shows how black text looks on a background with the YUV color 71.7490, -12.6943, 11.6211.



This preview shows how white text looks on a background with the YUV color 71.7490, -12.6943,

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

71.7490, -12.6943, 11.6211

Protanopia

71.2430, -11.9518, 6.8029

Deuteranopia

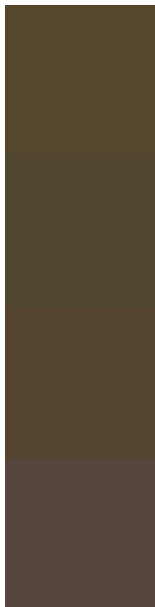
71.7600, -12.6997, 13.3655



Tritanopia

73.5500, -0.7641, 11.7957

Trichromacy



Original Color

71.7490, -12.6943, 11.6211

Protanomaly

71.2540, -11.9572, 8.5472

Deuteranomaly

71.4610, -12.5523, 12.7507

Tritanomaly

72.8120, -4.8373, 11.5659

Monochromacy



Original Color

71.7490, -12.6943, 11.6211

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

71.8820, -4.3788, 4.4885

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.7490, -12.6943, 11.6211 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(85, 70, 46)` looks like.

```
.text, #text, p{  
    color:rgb(85, 70, 46)  
}
```

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(85, 70, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 70, 46) }
```

Border

The CSS property to change the border of an element to YUV 71.7490, -12.6943, 11.6211 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(85, 70, 46) }
```


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

```
.border{ border-color:rgb(85, 70, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 70, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 70, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 70, 46);  
box-shadow:4px 4px 4px 4px rgb(85, 70, 46)  
}
```

Background

The CSS property to change the background color of an element to YUV 71.7490, -12.6943, 11.6211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 70, 46) }
```

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

```
.background{ background-color: rgb(85, 70,  
46) }
```

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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