

Converting Colors

YUV(70.4710, -14.5292, -6.5521)

Have a look what the booklet for
YUV(70.4710, -14.5292, -6.5521)
contains.

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Color

**YUV(70.4710, -14.5292,
-6.5521)**

Conversions

Conversions Part 1

Format	Color
Hex	3F5029
RGB	63, 80, 41
RGB Percent	25%, 31%, 16%
CMY	0.7529, 0.6863, 0.8392
CMYK	0.21, 0.00, 0.49, 0.69
HSL	86°, 32%, 24%
HSV	86°, 49%, 31%
XYZ	5.3188, 6.9542, 3.1598
YIQ	70.4710, 2.3870, -15.7330

Conversions

Conversions Part 2

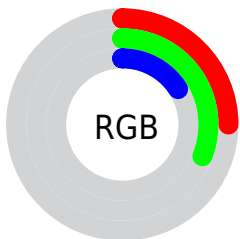
Format	Color
RYB	41, 80, 58
Decimal	4149289
CIELab	31.70, -14.37, 20.79
CIELCh	32, 25.267, 124.652
Yxy	6.9542, 0.3446, 0.4506
Android (android.graphics.Color)	4282339369 (0xFF3F5029)
YUV	70.4710, -14.5292, -6.5521
Hunter-Lab	26.3708, -10.1467, 11.3553

Details

The YUV color **70.4710, -14.5292, -6.5521** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **50.5290, 14.5292, 6.5521**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.1290, -15.8396, -6.2521**, and **26.8240, -13.2242, -5.1076** is the 20% darker color. If you saturate the color by 10%, you get **68.6620, -17.5814, -7.5966**, and if you desaturate by 10%, it is **72.2800, -11.4770, -5.5076**.

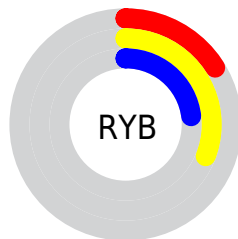
Distribution



Red (25%)

Green (31%)

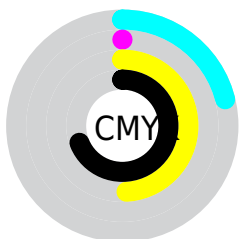
Blue (16%)



Red (16%)

Yellow (31%)

Blue (23%)

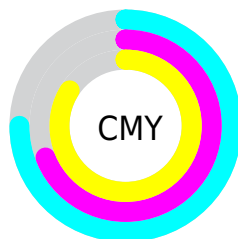


Cyan (21%)

Magenta (0%)

Yellow (49%)

Black (69%)



Cyan (75%)

Magenta (69%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.4710, -14.5292, -6.5521 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 70.4710, -14.5292, -6.5521 by changing the saturation by 10% instead.

■ 70.4710, -14.5292,
-6.5521

■ 70.4710, -14.5292,
-6.5521

255.0000, 0.0000,
0.0000

■ 47.6990, -13.6556,
-6.7520

■ 119.1290,
-15.8396, -6.2521

■ 26.8240, -13.2242,
-5.1076

■ 144.7160,
-16.1290, -6.7669

■ 7.0440, -3.4727,
-6.1776

■ 171.4880,
-17.0026, -6.5670

■ 0.0000, 0.0000,
0.0000

■ 199.0750,
-17.2920, -7.0818

■ 226.9610,
-17.7288, -6.9818

■ 248.8030,

-14.6929, -0.7042

254.0880, -3.4944,
0.7998

70.4710, -14.5292,
-6.5521

70.4710, -14.5292,
-6.5521

68.6620, -17.5814,
-7.5966

72.2800, -11.4770,
-5.5076

66.5540, -20.4861,
-9.2559

74.3880, -8.5723,
-3.8483

64.7450, -23.5383,
-10.3004

76.1970, -5.5201,
-2.8038

62.6370, -26.4430,
-11.9596

78.3050, -2.6154,
-1.1445

60.8280, -29.4952,
-13.0042

80.1140, 0.4368,
-0.1000

■ 60.4150, -29.7846,
-13.5190

■ 82.2220, 3.3416,
1.5593

■ 84.0310, 6.3937,
2.6038

■ 86.1390, 9.2985,
4.2631

■ 87.9480, 12.3506,
5.3076

Harmonies

Analogous

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



72.4300, -18.9460, 10.1469



70.4710, -14.5292, -6.5521



66.2820, -4.5760, -25.6803

Triad

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



70.4710, -14.5292, -6.5521



60.0870, 24.6071, -52.6963



75.7420, -1.8448, 31.7983

Complementary

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



70.4710, -14.5292, -6.5521



50.5290, 14.5292, 6.5521

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.



76.7930, 7.4971, 22.1065



70.4710, -14.5292, -6.5521



71.9600, 20.7257, -21.0129

Square

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



70.4710, -14.5292, -6.5521



60.2520, 17.6238, -52.8410



76.0340, 15.2662, 3.4782



75.0380, -10.8647, 31.5387

Rectangle

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



70.4710, -14.5292, -6.5521



61.1640, 4.3561, -43.9938



76.0340, 15.2662, 3.4782



76.5290, 1.2182, 29.3541

Sweetspot

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



70.4710, -14.5292, -6.5521



101.0830, -5.9569, -2.7038



62.6400, -10.6685, 15.2247



51.3650, -3.6309, -2.0741



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



70.4710, -14.5292, -6.5521



89.8590, -23.1015, -10.4003



64.7900, -11.7285, -18.2328



39.9460, -1.4524, -0.8296



79.2760, -39.0831, -17.7821



175.3530, -86.4490, -38.8976

Inverse Universe

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



50.5290, 14.5292, 6.5521



58.1410, 23.1015, 10.4003



56.2100, 11.7285, 18.2328



37.7550, 1.5998, 0.2149



25.7240, 39.0831, 17.7821



56.6470, 86.4490, 38.8976

Previews

White Background



This preview shows how the YUV color 70.4710, -14.5292, -6.5521 looks on a white background.

Color Contrast Check

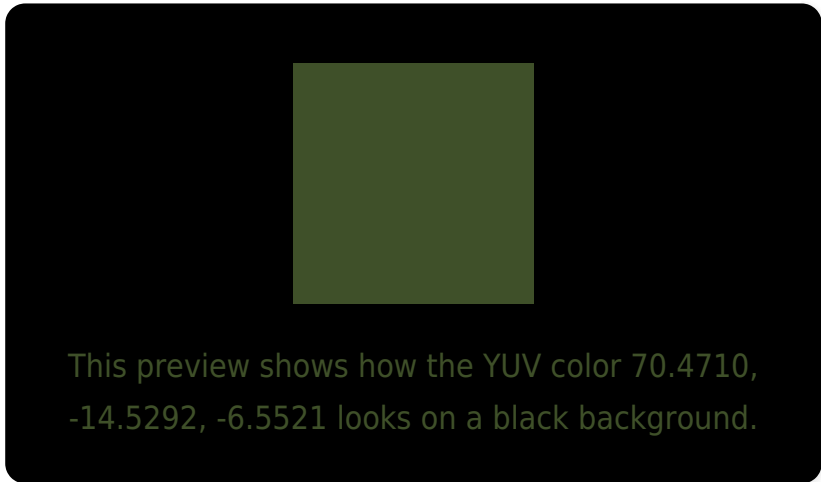
Large Text (above 18pt) WCAG AA ✓ Pass

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

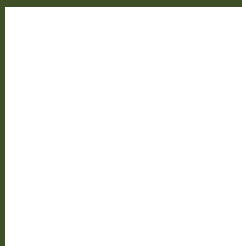
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 70.4710, -14.5292, -6.5521

Background



This preview shows how black text looks on a background with the YUV color 70.4710, -14.5292, -6.5521.



This preview shows how white text looks on a background with the YUV color 70.4710, -14.5292, -6.5521.

-6.5521.

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

70.4710, -14.5292, -6.5521

Protanopia

72.9890, -16.7566, 7.9026

Deuteranopia

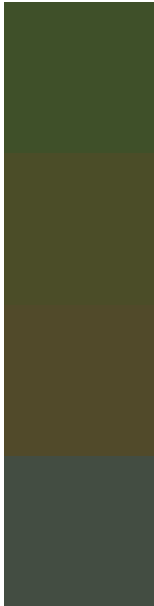
73.7880, -15.1785, 15.0949



Tritanopia

73.8900, 3.5052, -4.2885

Trichromacy



Original Color

70.4710, -14.5292, -6.5521

Protanomaly

72.1840, -15.8667, 2.4696

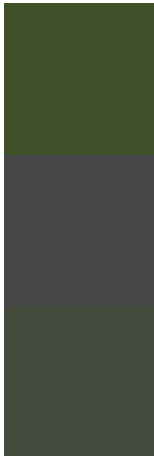
Deuteranomaly

72.4450, -15.0094, 7.5027

Tritanomaly

72.7560, -3.3307, -5.0480

Monochromacy



Original Color

70.4710, -14.5292, -6.5521

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

70.1970, -5.5201, -2.8038

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.4710, -14.5292, -6.5521 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(63, 80, 41)` looks like.

```
.text, #text, p{  
    color:rgb(63, 80, 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(63, 80, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 80, 41) }
```

Border

The CSS property to change the border of an element to YUV 70.4710, -14.5292, -6.5521 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(63, 80, 41) }
```


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

```
.border{ border-color:rgb(63, 80, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 80, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 80, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 80, 41);  
box-shadow:4px 4px 4px 4px rgb(63, 80, 41)  
}
```

Background

The CSS property to change the background color of an element to YUV 70.4710, -14.5292, -6.5521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 80, 41) }
```

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

```
.background{ background-color: rgb(63, 80,  
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](#).

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