

Converting Colors

YUV(69.4710, -14.5292, -6.5521)

Have a look what the booklet for
YUV(69.4710, -14.5292, -6.5521)
contains.

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Color

**YUV(69.4710, -14.5292,
-6.5521)**

Conversions

Conversions Part 1

Format	Color
Hex	3E4F28
RGB	62, 79, 40
RGB Percent	24%, 31%, 16%
CMY	0.7569, 0.6902, 0.8431
CMYK	0.22, 0.00, 0.49, 0.69
HSL	86°, 33%, 23%
HSV	86°, 49%, 31%
XYZ	5.1656, 6.7693, 3.0418
YIQ	69.4710, 2.3870, -15.7330

Conversions

Conversions Part 2

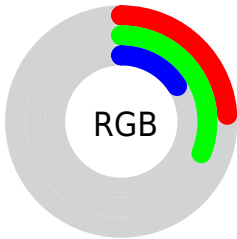
Format	Color
RYB	40, 79, 57
Decimal	4083496
CIELab	31.28, -14.38, 20.82
CIELCh	31, 25.308, 124.631
Yxy	6.7693, 0.3449, 0.4520
Android (android.graphics.Color)	4282273576 (0xFF3E4F28)
YUV	69.4710, -14.5292, -6.5521
Hunter-Lab	26.0179, -10.0919, 11.2807

Details

The YUV color **69.4710, -14.5292, -6.5521** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **49.5290, 14.5292, 6.5521**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.1290, -15.8396, -6.2521**, and **25.9380, -12.7874, -5.2076** is the 20% darker color. If you saturate the color by 10%, you get **67.6620, -17.5814, -7.5966**, and if you desaturate by 10%, it is **71.2800, -11.4770, -5.5076**.

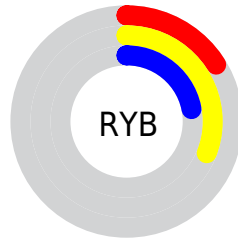
Distribution



Red (24%)

Green (31%)

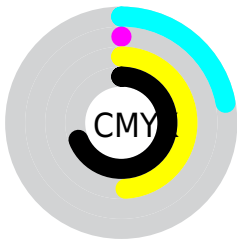
Blue (16%)



Red (16%)

Yellow (31%)

Blue (22%)

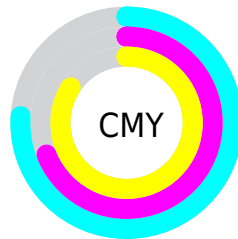


Cyan (22%)

Magenta (0%)

Yellow (49%)

Black (69%)



Cyan (76%)

Magenta (69%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 69.4710, -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 69.4710, -14.5292, -6.5521 by changing the saturation by 10% instead.

■ 69.4710, -14.5292,
-6.5521

■ 69.4710, -14.5292,
-6.5521

255.0000, 0.0000,
0.0000

■ 46.6990, -13.6556,
-6.7520

■ 118.1290,
-15.8396, -6.2521

■ 25.9380, -12.7874,
-5.2076

■ 143.7160,
-16.1290, -6.7669

■ 5.2830, -2.6045,
-4.6332

■ 170.4880,
-17.0026, -6.5670

■ 0.0000, 0.0000,
0.0000

■ 198.0750,
-17.2920, -7.0818

■ 225.9610,
-17.7288, -6.9818

■ 248.0910,

-14.8349, -1.8338

253.9740, -3.9312,
0.8998

69.4710, -14.5292,
-6.5521

69.4710, -14.5292,
-6.5521

67.6620, -17.5814,
-7.5966

71.2800, -11.4770,
-5.5076

65.5540, -20.4861,
-9.2559

73.3880, -8.5723,
-3.8483

63.7450, -23.5383,
-10.3004

75.1970, -5.5201,
-2.8038

61.6370, -26.4430,
-11.9596

77.3050, -2.6154,
-1.1445

59.9420, -29.0584,
-13.1041

79.1140, 0.4368,
-0.1000

■ 59.8280, -29.4952,
-13.0042

■ 81.1080, 2.9048,
1.6593

■ 82.9170, 5.9569,
2.7038

■ 85.0250, 8.8617,
4.3631

■ 86.8340, 11.9138,
5.4076

Harmonies

Analogous

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



71.4300, -18.9460, 10.1469



69.4710, -14.5292, -6.5521



65.2820, -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.



69.4710, -14.5292, -6.5521



59.3860, 24.4597, -52.0815



74.7420, -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.



69.4710, -14.5292, -6.5521



49.5290, 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.



75.7930, 7.4971, 22.1065



69.4710, -14.5292, -6.5521



70.9600, 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.



69.4710, -14.5292, -6.5521



59.5510, 17.4764, -52.2262



75.0340, 15.2662, 3.4782



74.0380, -10.8647, 31.5387

Rectangle

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



69.4710, -14.5292, -6.5521



59.8650, 4.5036, -44.6086



75.0340, 15.2662, 3.4782



75.5290, 1.2182, 29.3541

Sweetspot

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



69.4710, -14.5292, -6.5521



98.1970, -5.5201, -2.8038



61.6400, -10.6685, 15.2247



48.7780, -3.3416, -1.5593



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



69.4710, -14.5292, -6.5521



87.3860, -22.3753, -9.9855



63.7900, -11.7285, -18.2328



37.2450, -1.5998, -0.2149



77.2160, -38.0675, -16.8524



173.5810, -85.5754, -39.0975

Inverse Universe

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



49.5290, 14.5292, 6.5521



56.6140, 22.3753, 9.9855



55.2100, 11.7285, 18.2328



35.0540, 1.4524, 0.8296



24.7840, 38.0675, 16.8524



56.1200, 85.7228, 38.4828

Previews

White Background



This preview shows how the YUV color 69.4710, -14.5292, -6.5521 looks on a white background.

Color Contrast Check

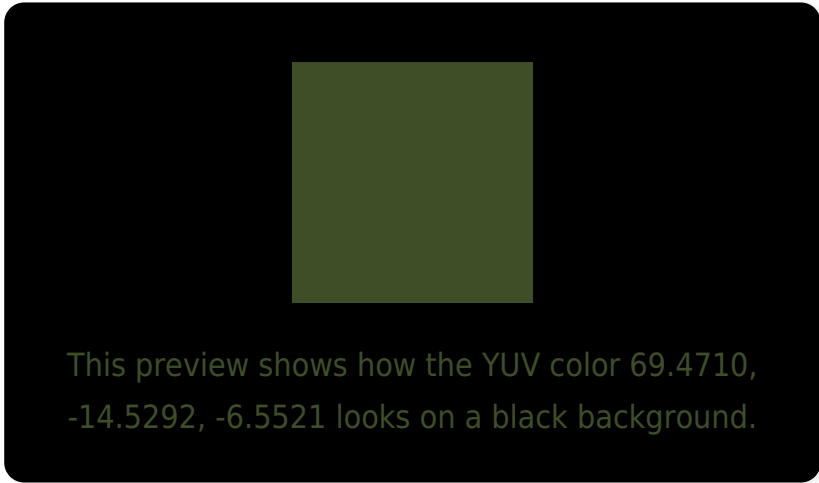
Large Text (above 18pt) WCAG AA ✓ Pass

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

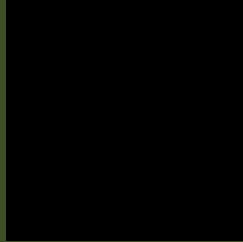
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 69.4710, -14.5292, -6.5521

Background



This preview shows how black text looks on a background with the YUV color 69.4710, -14.5292, -6.5521.



This preview shows how white text looks on a background with the YUV color 69.4710, -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

69.4710, -14.5292, -6.5521

Protanopia

71.9890, -16.7566, 7.9026

Deuteranopia

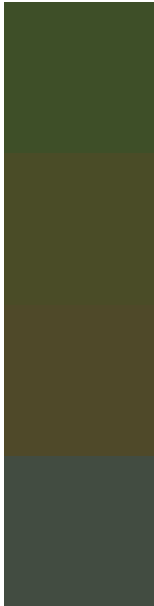
72.4890, -15.0311, 14.4801



Tritanopia

73.4770, 3.2158, -4.8033

Trichromacy



Original Color

69.4710, -14.5292, -6.5521

Protanomaly

71.1840, -15.8667, 2.4696

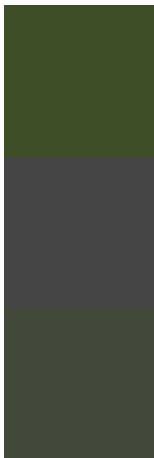
Deuteranomaly

71.1460, -14.8620, 6.8880

Tritanomaly

71.7560, -3.3307, -5.0480

Monochromacy



Original Color

69.4710, -14.5292, -6.5521

Achromatopsia

69.0000, 0.0000, 0.0000

Achromatomaly

69.1970, -5.5201, -2.8038

CSS Examples

Text

The CSS property to change the color of the text to YUV 69.4710, -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(62, 79, 40)` looks like.

```
.text, #text, p{  
    color:rgb(62, 79, 40)  
}
```

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(62, 79, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 79, 40) }
```

Border

The CSS property to change the border of an element to YUV 69.4710, -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(62, 79, 40) }
```


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

```
.border{ border-color:rgb(62, 79, 40) }
```

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

Here you see how a box with a 4 pixel rgb(62, 79, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 79, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 79, 40);  
box-shadow:4px 4px 4px 4px rgb(62, 79, 40)  
}
```

Background

The CSS property to change the background color of an element to YUV 69.4710, -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(62, 79, 40) }
```

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

```
.background{ background-color: rgb(62, 79,  
40) }
```

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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