

Converting Colors

YUV(75.4700, -29.8117, -4.7972)

Have a look what the booklet for
YUV(75.4700, -29.8117, -4.7972)
contains.

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Color

**YUV(75.4700, -29.8117,
-4.7972)**

Conversions

Conversions Part 1

Format	Color
Hex	465A0F
RGB	70, 90, 15
RGB Percent	27%, 35%, 6%
CMY	0.7255, 0.6471, 0.9412
CMYK	0.22, 0.00, 0.83, 0.65
HSL	76°, 71%, 21%
HSV	76°, 83%, 35%
XYZ	6.2682, 8.6489, 1.7910
YIQ	75.4700, 12.1550, -27.5650

Conversions

Conversions Part 2

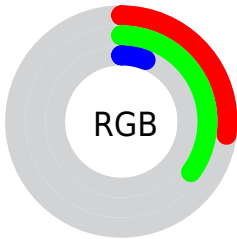
Format	Color
R_{YB}	15, 90, 35
Decimal	4610575
CIE _{Lab}	35.30, -19.11, 37.58
CIE _{LCh}	35, 42.162, 116.950
Yxy	8.6489, 0.3752, 0.5176
Android (android.graphics.Color)	4282800655 (0xFF465A0F)
YUV	75.4700, -29.8117, -4.7972
Hunter-Lab	29.4090, -13.4207, 16.9756

Details

The YUV color **75.4700, -29.8117, -4.7972** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **29.5300, 29.8117, 4.7972**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.7690, -29.9591, -4.1824**, and **32.4060, -15.9762, -9.1261** is the 20% darker color. If you saturate the color by 10%, you get **73.8460, -33.4481, -5.1269**, and if you desaturate by 10%, it is **77.0940, -26.1753, -4.4674**.

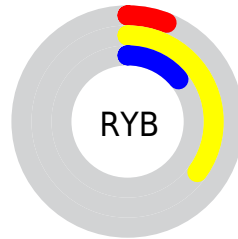
Distribution



Red (27%)

Green (35%)

Blue (6%)



Red (6%)

Yellow (35%)

Blue (14%)

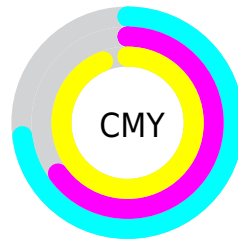


Cyan (22%)

Magenta (0%)

Yellow (83%)

Black (65%)



Cyan (73%)

Magenta (65%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.4700, -29.8117, -4.7972 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 75.4700, -29.8117, -4.7972 by changing the saturation by 10% instead.

■ 75.4700, -29.8117,
-4.7972

■ 75.4700, -29.8117,
-4.7972

■ 254.6580, -1.3104,
0.2999

■ 52.4960, -25.8805,
-5.6970

■ 125.7690,
-29.9591, -4.1824

■ 32.4060, -15.9762,
-9.1261

■ 152.1280,
-31.1221, -4.4973

■ 15.2620, -7.5242,
-13.3848

■ 179.3130,
-31.7063, -3.7825


■ 0.0000, 0.0000,
0.0000


■ 207.0850,
-32.5799, -3.5825


■ 234.9710,
-33.0167, -3.4826


■ 248.1600,


-26.2079, 5.9987


 251.3520,
-13.9775, 3.1993


 75.4700, -29.8117,
-4.7972


 75.4700, -29.8117,
-4.7972


 73.8460, -33.4481,
-5.1269


 77.0940, -26.1753,
-4.4674

 72.5640, -35.7741,
-5.7566

 79.0170, -22.6864,
-3.5229

 80.6410, -19.0500,
-3.1932

 82.5640, -15.5611,
-2.2486

 84.1880, -11.9247,
-1.9189

■ 85.8120, -8.2883,
-1.5891

■ 87.7350, -4.7994,
-0.6446

■ 89.3590, -1.1630,
-0.3148

■ 91.2820, 2.3260,
0.6297

Harmonies

Analogous

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



78.3270, -36.1502, 21.6382



75.4700, -29.8117, -4.7972



66.7500, -11.2157, -42.7537

Triad

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



75.4700, -29.8117, -4.7972



71.6110, 33.2228, -62.8028



81.5410, 3.1843, 52.1455

Complementary

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



75.4700, -29.8117, -4.7972



29.5300, 29.8117, 4.7972

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.



84.7800, 17.3635, 30.8879



75.4700, -29.8117, -4.7972



68.7560, 40.0533, -60.2990

Square

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



75.4700, -29.8117, -4.7972



70.9950, 20.7085, -62.2626



83.6380, 29.2655, -6.6985



80.4260, -12.5350, 54.0004

Rectangle

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



75.4700, -29.8117, -4.7972



65.1640, 0.9051, -57.1488



83.6380, 29.2655, -6.6985



82.4740, 8.1473, 46.9423

Sweetspot

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



75.4700, -29.8117, -4.7972



111.3020, -11.4879, -2.0189



49.1650, -16.8433, 35.8123



55.4530, -7.1253, -1.2743



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.



75.4700, -29.8117, -4.7972



94.3930, -46.5357, -7.3607



64.4070, -24.3577, -27.5439



45.1310, -2.0366, -0.1149



88.4900, -43.6256, -7.4457



191.1450, -94.2345, -15.0362

Inverse Universe

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



29.5300, 29.8117, 4.7972



22.6070, 46.5357, 7.3607



40.8920, 24.2102, 28.1587



42.1680, 1.8892, 0.7297



21.2110, 43.7730, 6.8310



45.8550, 94.2345, 15.0362

Previews

White Background



This preview shows how the YUV color 75.4700, -29.8117, -4.7972 looks on a white background.

Color Contrast Check

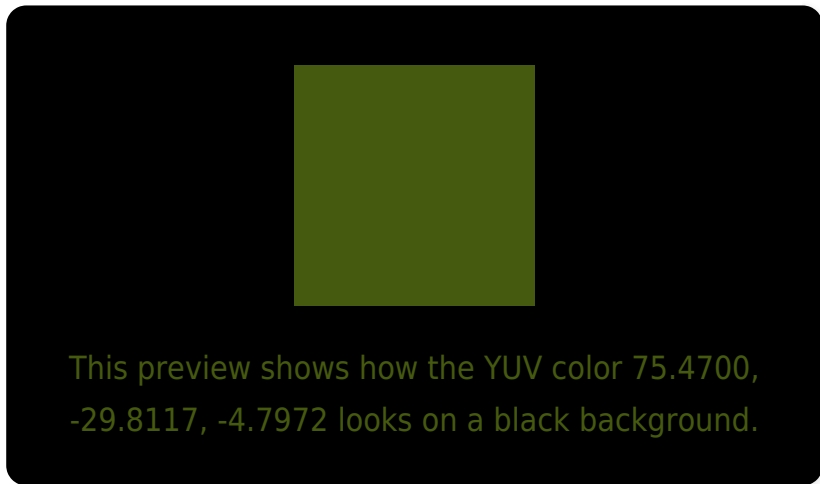
Large Text (above 18pt) WCAG AA ✓ Pass

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

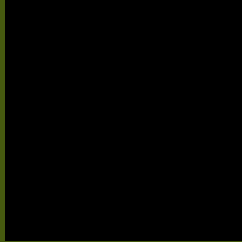
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 75.4700, -29.8117, -4.7972

Background



This preview shows how black text looks on a background with the YUV color 75.4700, -29.8117, -4.7972.



This preview shows how white text looks on a background with the YUV color 75.4700, -29.8117, -4.7972.

-4.7972.

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

75.4700, -29.8117, -4.7972

Protanopia

78.0100, -32.0499, 13.1462

Deuteranopia

79.9770, -28.5827, 21.0682



Tritanopia

82.8900, 3.5052, -4.2885

Trichromacy



Original Color

75.4700, -29.8117, -4.7972

Protanomaly

77.4930, -31.3020, 6.5836

Deuteranomaly

78.3950, -29.2817, 11.9316

Tritanomaly

80.0890, -8.4249, -4.4631

Monochromacy



Original Color

75.4700, -29.8117, -4.7972

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

74.8290, -10.7617, -1.6040

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.4700, -29.8117, -4.7972 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(70, 90, 15)` looks like.

```
.text, #text, p{  
    color:rgb(70, 90, 15)  
}
```

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(70, 90, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 90, 15) }
```

Border

The CSS property to change the border of an element to YUV 75.4700, -29.8117, -4.7972 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(70, 90, 15) }
```


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

```
.border{ border-color:rgb(70, 90, 15) }
```

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

Here you see how a box with a 4 pixel rgb(70, 90, 15) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 90, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 90, 15);  
box-shadow:4px 4px 4px 4px rgb(70, 90, 15)  
}
```

Background

The CSS property to change the background color of an element to YUV 75.4700, -29.8117, -4.7972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 90, 15) }
```

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

```
.background{ background-color: rgb(70, 90,  
15) }
```

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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