

Converting Colors

YUV(72.7930, -16.1669, 5.4435)

Have a look what the booklet for
YUV(72.7930, -16.1669, 5.4435)
contains.

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Color

**YUV(72.7930, -16.1669,
5.4435)**

Conversions

Conversions Part 1

Format	Color
Hex	4F4C28
RGB	79, 76, 40
RGB Percent	31%, 30%, 16%
CMY	0.6902, 0.7020, 0.8431
CMYK	0.00, 0.04, 0.49, 0.69
HSL	55°, 33%, 23%
HSV	55°, 49%, 31%
XYZ	6.1919, 6.9843, 3.0292
YIQ	72.7930, 13.3440, -10.5600

Conversions

Conversions Part 2

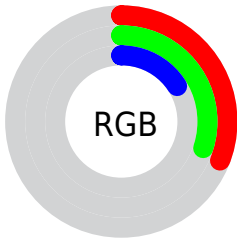
Format	Color
RYB	43, 79, 40
Decimal	5196840
CIELab	31.77, -4.72, 21.76
CIELCh	32, 22.269, 102.248
Yxy	6.9843, 0.3821, 0.4310
Android (android.graphics.Color)	4283386920 (0xFF4F4C28)
YUV	72.7930, -16.1669, 5.4435
Hunter-Lab	26.4279, -4.4274, 11.7035

Details

The YUV color **72.7930, -16.1669, 5.4435** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **46.2070, 16.1669, -5.4435**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **121.7500, -17.6247, 6.3582**, and **28.9500, -14.2723, 4.4289** is the 20% darker color. If you saturate the color by 10%, you get **71.2940, -19.3719, 6.7582**, and if you desaturate by 10%, it is **74.2920, -12.9620, 4.1289**.

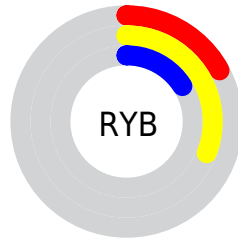
Distribution



Red (31%)

Green (30%)

Blue (16%)



Red (17%)

Yellow (31%)

Blue (16%)

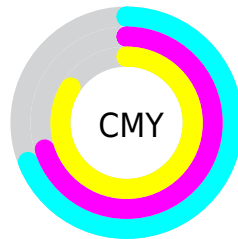


Cyan (0%)

Magenta (4%)

Yellow (49%)

Black (69%)



Cyan (69%)

Magenta (70%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.7930, -16.1669, 5.4435 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 72.7930, -16.1669, 5.4435 by changing the saturation by 10% instead.

■ 72.7930, -16.1669,
5.4435

■ 72.7930, -16.1669,
5.4435

■ 255.0000, 0.0000,
0.0000

■ 49.7220, -15.1459,
4.6288

■ 121.7500,
-17.6247, 6.3582

■ 28.9500, -14.2723,
4.4289

■ 147.6360,
-18.0615, 6.4582

■ 5.8700, -2.8939,
-5.1480

■ 174.1200,
-18.7932, 7.7878

■ 0.0000, 0.0000,
0.0000

■ 201.5930,
-19.5193, 7.3729

■ 229.8920,
-19.6668, 7.9877

■ 250.7820,

-16.1615, 3.6992

253.9740, -3.9312,
0.8998

72.7930, -16.1669,
5.4435

72.7930, -16.1669,
5.4435

71.2940, -19.3719,
6.7582

74.2920, -12.9620,
4.1289

70.3820, -22.8663,
7.5580

75.2040, -9.4676,
3.3291

68.8830, -26.0713,
8.8726

76.7030, -6.2626,
2.0145

67.9710, -29.5657,
9.6724

77.6150, -2.7682,
1.2146

66.5860, -32.3339,
10.8871

79.1140, 0.4368,
-0.1000

■ 66.4720, -32.7707,
10.9871

■ 80.4990, 3.2050,
-1.3146

■ 81.4110, 6.6994,
-2.1144

■ 82.9100, 9.9044,
-3.4291

■ 83.8220, 13.3988,
-4.2289

Harmonies

Analogous

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



74.2830, -15.9155, 18.1688



72.7930, -16.1669, 5.4435



70.9590, -11.3188, -9.6110

Triad

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



72.7930, -16.1669, 5.4435



59.8930, 18.7868, -52.5262



76.6960, 4.5869, 22.1916

Complementary

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



72.7930, -16.1669, 5.4435



46.2070, 16.1669, -5.4435

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.



77.1440, 11.7610, 7.7667



72.7930, -16.1669, 5.4435



67.0570, 20.1849, -34.2530

Square

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



72.7930, -16.1669, 5.4435



60.4500, 10.6242, -47.7526



74.1030, 17.2042, -11.4913



76.1500, -4.0179, 28.8095

Rectangle

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



72.7930, -16.1669, 5.4435



68.7880, -5.3185, -20.8621



74.1030, 17.2042, -11.4913



77.2440, 6.7817, 18.2030

Sweetspot

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



72.7930, -16.1669, 5.4435



99.7030, -6.2626, 2.0145



52.0030, -4.4385, 23.6764



49.3870, -3.6418, 1.4146



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.



72.7930, -16.1669, 5.4435



92.2250, -24.7609, 8.5727



69.7700, -14.6766, -5.9373



37.5440, -1.7472, 0.3999



85.6760, -42.2383, 14.3161



193.2140, -95.2545, 32.2613

Inverse Universe

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



46.2070, 16.1669, -5.4435



51.1880, 25.0503, -8.0579



49.2300, 14.6766, 5.9373



35.0430, 1.4578, -0.9147



16.3240, 42.2383, -14.3161



36.7860, 95.2545, -32.2613

Previews

White Background



This preview shows how the YUV color 72.7930, -16.1669, 5.4435 looks on a white background.

Color Contrast Check

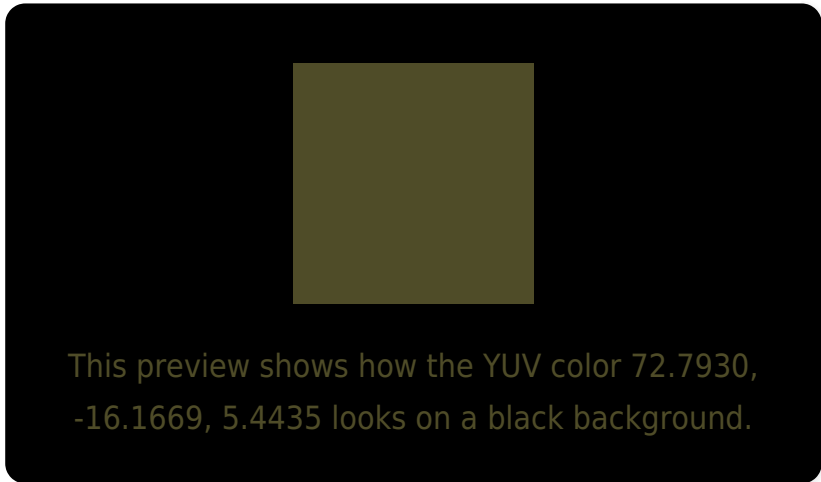
Large Text (above 18pt) WCAG AA ✓ Pass

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

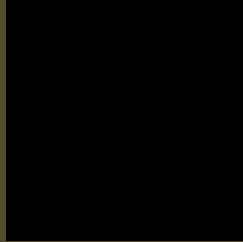
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 72.7930, -16.1669, 5.4435

Background



This preview shows how black text looks on a background with the YUV color 72.7930, -16.1669, 5.4435.



This preview shows how white text looks on a background with the YUV color 72.7930, -16.1669,

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

72.7930, -16.1669, 5.4435

Protanopia

73.1030, -16.3198, 7.8027

Deuteranopia

73.5600, -16.0521, 15.2949



Tritanopia

75.8590, 0.5625, 6.2627

Trichromacy



Original Color

72.7930, -16.1669, 5.4435

Protanomaly

72.8040, -16.1724, 7.1879

Deuteranomaly

73.5380, -16.0412, 11.8062

Tritanomaly

74.6650, -5.2578, 6.4328

Monochromacy



Original Color

72.7930, -16.1669, 5.4435

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

72.8170, -5.8258, 1.9145

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.7930, -16.1669, 5.4435 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(79, 76, 40)` looks like.

```
.text, #text, p{  
    color:rgb(79, 76, 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(79, 76, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 76, 40) }
```

Border

The CSS property to change the border of an element to YUV 72.7930, -16.1669, 5.4435 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(79, 76, 40) }
```


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

```
.border{ border-color:rgb(79, 76, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 76, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 76, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 76, 40);  
box-shadow:4px 4px 4px 4px rgb(79, 76, 40)  
}
```

Background

The CSS property to change the background color of an element to YUV 72.7930, -16.1669, 5.4435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 76, 40) }
```

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

```
.background{ background-color: rgb(79, 76,  
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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