

Converting Colors

YUV(73.8970, -27.5572,
-27.9737)

Have a look what the booklet for
YUV(73.8970, -27.5572, -27.9737)
contains.

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Color

**YUV(73.8970, -27.5572,
-27.9737)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 2A6512 |
| RGB | 42, 101, 18 |
| RGB Percent | 16%, 40%, 7% |
| CMY | 0.8353, 0.6039, 0.9294 |
| CMYK | 0.58, 0.00, 0.82, 0.60 |
| HSL | 103°, 70%, 23% |
| HSV | 103°, 82%, 40% |
| XYZ | 5.7177, 9.8433, 2.1709 |
| YIQ | 73.8970, -8.5210, -38.3210 |

Conversions

Conversions Part 2

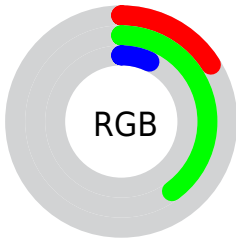
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 18, 101, 77 |
| Decimal | 2778386 |
| CIELab | 37.56, -34.95, 38.11 |
| CIELCh | 38, 51.709, 132.519 |
| Yxy | 9.8433, 0.3225, 0.5551 |
| Android (android.graphics.Color) | 4280968466 (0xFF2A6512) |
| YUV | 73.8970, -27.5572, -27.9737 |
| Hunter-Lab | 31.3740, -22.3740, 17.8594 |

Details

The YUV color **73.8970, -27.5572, -27.9737** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **45.1030, 27.5572, 27.9737**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.9680, -28.5782, -27.1589**, and **31.1110, -15.3377, -27.2843** is the 20% darker color. If you saturate the color by 10%, you get **70.6640, -30.8934, -31.2773**, and if you desaturate by 10%, it is **77.1300, -24.2211, -24.6700**.

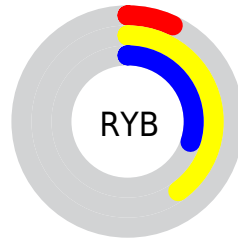
Distribution



Red (16%)

Green (40%)

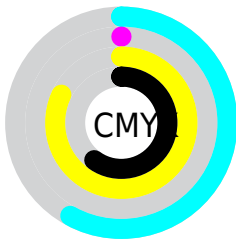
Blue (7%)



Red (7%)

Yellow (40%)

Blue (30%)

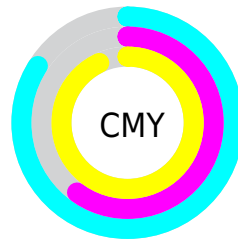


Cyan (58%)

Magenta (0%)

Yellow (82%)

Black (60%)



Cyan (84%)

Magenta (60%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 73.8970, -27.5572, -27.9737 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 73.8970, -27.5572, -27.9737 by changing the saturation by 10% instead.

■ 73.8970, -27.5572,
-27.9737

■ 73.8970, -27.5572,
-27.9737

255.0000, 0.0000,
0.0000

■ 48.4880, -23.9046,
-32.8770

■ 125.9680,
-28.5782, -27.1589

■ 31.1110, -15.3377,
-27.2843

■ 152.4410,
-29.3044, -27.5738

■ 19.9580, -9.8393,
-17.5032

■ 179.3270,
-29.7412, -27.4738


■ 0.0000, 0.0000,
0.0000


■ 207.6860,
-30.9042, -27.7886


■ 230.2890,
-28.7365, -23.0555


■ 242.1520,


-20.7809, -8.0263


 251.9220,
-11.7935, 2.6994


 73.8970, -27.5572,
-27.9737


 73.8970, -27.5572,
-27.9737


 70.6640, -30.8934,
-31.2773


 77.1300, -24.2211,
-24.6700

 67.9580, -33.5033,
-34.1662

 80.3630, -20.8850,
-21.3664

 83.8950, -17.6962,
-17.4479

 87.1280, -14.3601,
-14.1443

 90.4750, -10.5872,
-10.9406

■ 93.7080, -7.2510,
-7.6369

■ 96.9410, -3.9149,
-4.3333

■ 100.1740, -0.5788,
-1.0296

■ 103.7060, 2.6099,
2.8888

Harmonies

Analogous

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



81.2130, -40.0380, 8.5832



73.8970, -27.5572, -27.9737



69.2900, -3.5940, -60.7673

Triad

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



73.8970, -27.5572, -27.9737



77.8520, 44.4430, -68.2762



81.4140, -4.1481, 70.6739

Complementary

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



73.8970, -27.5572, -27.9737



45.1030, 27.5572, 27.9737

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.



86.0220, 13.7932, 56.1087



73.8970, -27.5572, -27.9737



71.7480, 48.9312, -61.1690

Square

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



73.8970, -27.5572, -27.9737



78.6380, 32.2235, -68.9655



91.2050, 29.4789, 18.2372



83.2560, -24.7762, 60.2885

Rectangle

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



73.8970, -27.5572, -27.9737



73.1830, 8.7838, -64.1815



91.2050, 29.4789, 18.2372



82.1240, 2.4039, 69.1743

Sweetspot

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



73.8970, -27.5572, -27.9737



119.4750, -10.5872, -10.9406



76.8630, -29.0195, 21.1681



59.5340, -6.6723, -6.6073



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



73.8970, -27.5572, -27.9737



88.0850, -42.9329, -43.0475



68.6590, -16.5939, -44.4279



49.2340, -1.5944, -1.9592



77.3720, -38.1444, -38.9142



162.9840, -80.3511, -81.5470

Inverse Universe

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



45.1030, 27.5572, 27.9737



43.2140, 42.7855, 43.6623



50.3410, 16.5939, 44.4279



47.7660, 1.5944, 1.9592



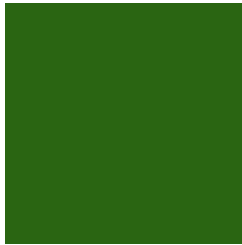
37.6280, 38.1444, 38.9142



79.0160, 80.3511, 81.5470

Previews

White Background



This preview shows how the YUV color 73.8970, -27.5572, -27.9737 looks on a white background.

Color Contrast Check

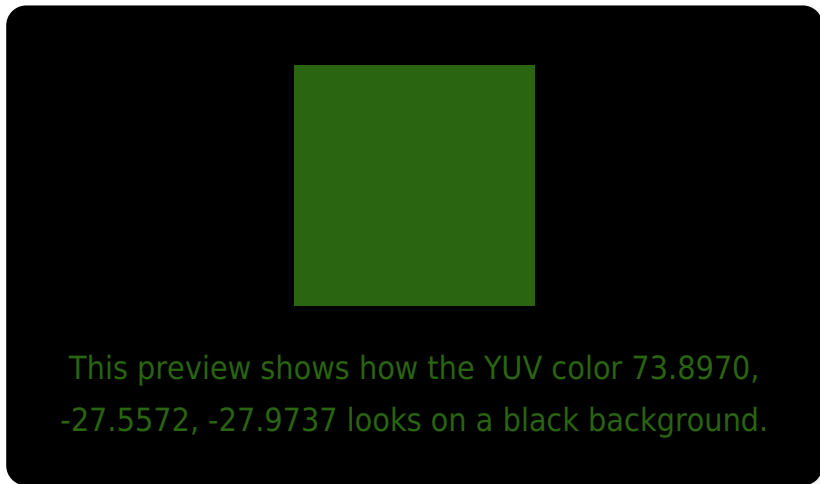
Large Text (above 18pt) WCAG AA ✓ Pass

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 73.8970, -27.5572, -27.9737

Background



This preview shows how black text looks on a background with the YUV color 73.8970, -27.5572, -27.9737.



This preview shows how white text looks on a background with the YUV color 73.8970, -27.5572, -27.9737.

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

73.8970, -27.5572, -27.9737

Protanopia

82.9670, -33.5077, 14.0609

Deuteranopia

85.2760, -28.7301, 21.6829



Tritanopia

84.1480, 8.8010, -22.9318

Trichromacy



Original Color

73.8970, -27.5572, -27.9737

Protanomaly

79.7370, -31.4223, -1.5233

Deuteranomaly

80.9810, -28.0916, 3.5247

Tritanomaly

80.5810, -4.7234, -25.0655

Monochromacy



Original Color

73.8970, -27.5572, -27.9737

Achromatopsia

74.0000, 0.0000, 0.0000

Achromatomaly

74.0020, -9.8610, -10.5258

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.8970, -27.5572, -27.9737 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(42, 101, 18)` looks like.

```
.text, #text, p{  
    color:rgb(42, 101, 18)  
}
```

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(42, 101, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 101, 18) }
```

Border

The CSS property to change the border of an element to YUV 73.8970, -27.5572, -27.9737 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(42, 101, 18) }
```


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

```
.border{ border-color:rgb(42, 101, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 101, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 101, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 101, 18);  
box-shadow:4px 4px 4px 4px rgb(42, 101,  
18) }
```

Background

The CSS property to change the background color of an element to YUV 73.8970, -27.5572, -27.9737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 101, 18) }
```

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

```
.background{ background-color: rgb(42, 101,  
18) }
```

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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