

Converting Colors

YUV(73.9890, -6.8966, -28.0544)

Have a look what the booklet for
YUV(73.9890, -6.8966, -28.0544)
contains.

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Color

**YUV(73.9890, -6.8966,
-28.0544)**

Conversions

Conversions Part 1

Format	Color
Hex	2A5D3C
RGB	42, 93, 60
RGB Percent	16%, 36%, 24%
CMY	0.8353, 0.6353, 0.7647
CMYK	0.55, 0.00, 0.35, 0.64
HSL	141°, 38%, 26%
HSV	141°, 55%, 36%
XYZ	5.6848, 8.6472, 5.6444
YIQ	73.9890, -19.8030, -21.0750

Conversions

Conversions Part 2

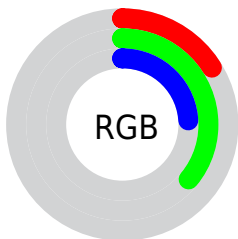
Format	Color
R_{YB}	42, 80, 93
Decimal	2776380
CIE Lab	35.30, -25.57, 13.87
CIE LCh	35, 29.085, 151.523
Yxy	8.6472, 0.2846, 0.4329
Android (android.graphics.Color)	4280966460 (0xFF2A5D3C)
YUV	73.9890, -6.8966, -28.0544
Hunter-Lab	29.4061, -16.9529, 9.2037

Details

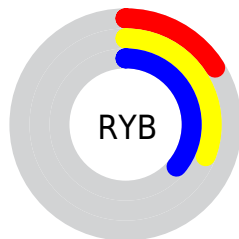
The YUV color **73.9890, -6.8966, -28.0544** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **61.0110, 6.8966, 28.0544**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **124.3480, -8.0596, -28.3692**, and **28.9400, -5.8864, -25.3804** is the 20% darker color. If you saturate the color by 10%, you get **70.6140, -8.1907, -32.9875**, and if you desaturate by 10%, it is **77.3640, -5.6025, -23.1212**.

Distribution



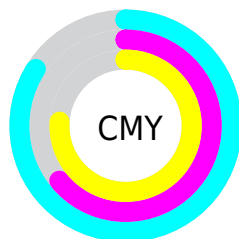
- Red (16%)
- Green (36%)
- Blue (24%)



- Red (16%)
- Yellow (31%)
- Blue (36%)



- Cyan (55%)
- Magenta (0%)
- Yellow (35%)
- Black (64%)



- Cyan (84%)
- Magenta (64%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 73.9890, -6.8966, -28.0544 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 73.9890, -6.8966, -28.0544 by changing the saturation by 10% instead.

■ 73.9890, -6.8966,
-28.0544

■ 73.9890, -6.8966,
-28.0544

255.0000, 0.0000,
0.0000

■ 49.6190, -5.7282,
-29.4839

■ 124.3480, -8.0596,
-28.3692

■ 28.9400, -5.8864,
-25.3804

■ 149.9350, -8.3490,
-28.8840

■ 15.8490, -7.8136,
-13.8996

■ 177.4080, -9.0751,
-29.2988

■ 0.0000, 0.0000,
0.0000

■ 204.9950, -9.3645,
-29.8136

■ 233.2830, -9.5065,
-30.9432

■ 245.1460, -1.5510,

-15.9140

■ 73.9890, -6.8966,
-28.0544

■ 73.9890, -6.8966,
-28.0544

■ 70.6140, -8.1907,
-32.9875

■ 77.3640, -5.6025,
-23.1212

■ 66.9400, -9.3374,
-38.5354

■ 81.0380, -4.4557,
-17.5733

■ 63.5650, -10.6315,
-43.4685

■ 84.4130, -3.1616,
-12.6402

■ 60.1900, -11.9257,
-48.4016

■ 87.7880, -1.8675,
-7.7071

■ 58.3530, -12.4990,
-51.1756

■ 91.4620, -0.7208,
-2.1592

■ 94.8370, 0.5734,
2.7740

■ 98.2120, 1.8675,
7.7071

■ 101.5870, 3.1616,
12.6402

■ 105.2610, 4.3083,
18.1881

Harmonies

Analogous

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



78.5590, -18.0236, -5.7522



73.9890, -6.8966, -28.0544



65.2270, 8.7621, -57.2041

Triad

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



73.9890, -6.8966, -28.0544



78.0560, 25.1154, -28.9901



82.9570, -11.3178, 36.8717

Complementary

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



73.9890, -6.8966, -28.0544



61.0110, 6.8966, 28.0544

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.



84.7040, -0.8401, 36.2166



73.9890, -6.8966, -28.0544



84.3480, 19.0554, 1.4488

Square

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



73.9890, -6.8966, -28.0544



67.4390, 27.3916, -59.1440



85.7870, 9.9650, 23.8658



82.6110, -20.0212, 28.4052

Rectangle

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



73.9890, -6.8966, -28.0544



67.0510, 15.7509, -58.8037



85.7870, 9.9650, 23.8658



83.7660, -8.2656, 37.9162

Sweetspot

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



73.9890, -6.8966, -28.0544



112.8370, -2.8776, -10.3810



81.8040, -19.6234, -5.9671



56.9130, -1.4361, -6.0627



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



73.9890, -6.8966, -28.0544



90.5650, -10.6315, -43.4685



76.8390, 4.0234, -30.5538



44.1630, -0.5734, -2.7740



69.0160, -14.7979, -60.5270



148.6950, -31.8946, -130.4055

Inverse Universe

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



61.0110, 6.8966, 28.0544



70.4350, 10.6315, 43.4685



58.1610, -4.0234, 30.5538



42.8370, 0.5734, 2.7740



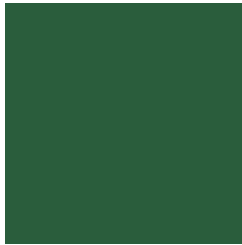
40.9840, 14.7979, 60.5270



88.3050, 31.8946, 130.4055

Previews

White Background



This preview shows how the YUV color 73.9890, -6.8966, -28.0544 looks on a white background.

Color Contrast Check

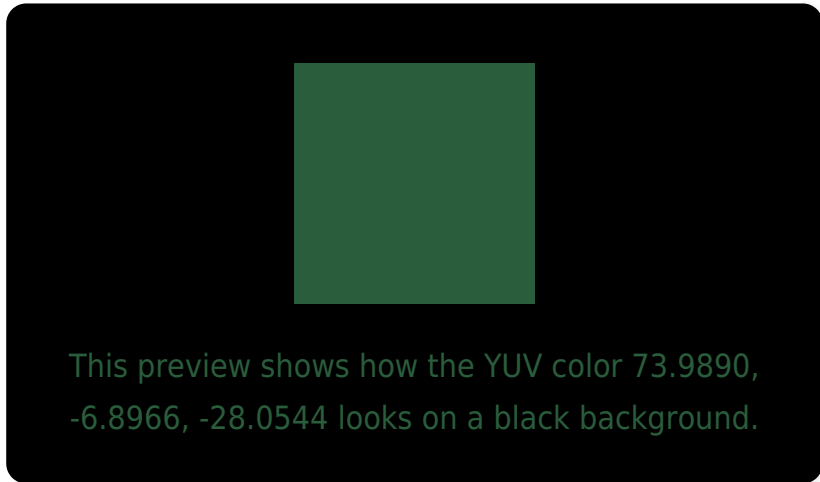
Large Text (above 18pt) WCAG AA ✓ Pass

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

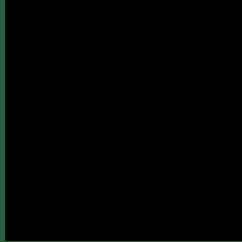
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 73.9890, -6.8966, -28.0544

Background



This preview shows how black text looks on a background with the YUV color 73.9890, -6.8966, -28.0544.



This preview shows how white text looks on a background with the YUV color 73.9890, -6.8966, -28.0544.

-28.0544.

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

73.9890, -6.8966, -28.0544

Protanopia

82.0150, -12.8254, 7.0028

Deuteranopia

82.5580, -9.6421, 12.6656



Tritanopia

78.7350, 8.5116, -23.4466

Trichromacy



Original Color

73.9890, -6.8966, -28.0544

Protanomaly

79.3940, -11.0402, -5.6075

Deuteranomaly

79.3990, -8.5777, -2.1039

Tritanomaly

76.6440, 3.1335, -25.1208

Monochromacy



Original Color

73.9890, -6.8966, -28.0544

Achromatopsia

74.0000, 0.0000, 0.0000

Achromatomaly

73.9510, -2.4408, -10.4810

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.9890, -6.8966, -28.0544 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, 93, 60)` looks like.

```
.text, #text, p{  
    color:rgb(42, 93, 60)  
}
```

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, 93, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 93, 60) }
```

Border

The CSS property to change the border of an element to YUV 73.9890, -6.8966, -28.0544 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, 93, 60) }
```


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

```
.border{ border-color:rgb(42, 93, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 93, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 93, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 93, 60);  
box-shadow:4px 4px 4px 4px rgb(42, 93, 60)  
}
```

Background

The CSS property to change the background color of an element to YUV 73.9890, -6.8966, -28.0544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 93, 60) }
```

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

```
.background{ background-color: rgb(42, 93,  
60) }
```

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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