

Converting Colors

YUV(89.7010, -26.9676,
-30.4328)

Have a look what the booklet for
YUV(89.7010, -26.9676, -30.4328)
contains.

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Color

**YUV(89.7010, -26.9676,
-30.4328)**

Conversions

Conversions Part 1

Format	Color
Hex	377623
RGB	55, 118, 35
RGB Percent	22%, 46%, 14%
CMY	0.7843, 0.5373, 0.8627
CMYK	0.53, 0.00, 0.70, 0.54
HSL	106°, 54%, 30%
HSV	106°, 70%, 46%
XYZ	8.3574, 13.8904, 3.8308
YIQ	89.7010, -10.9050, -39.1690

Conversions

Conversions Part 2

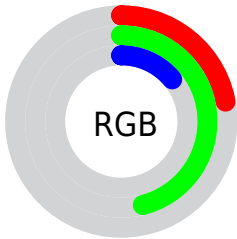
Format	Color
RYB	35, 118, 98
Decimal	3634723
CIELab	44.08, -36.61, 38.04
CIELCh	44, 52.796, 133.898
Yxy	13.8904, 0.3205, 0.5326
Android (android.graphics.Color)	4281824803 (0xFF377623)
YUV	89.7010, -26.9676, -30.4328
Hunter-Lab	37.2699, -25.1957, 19.9948

Details

The YUV color **89.7010, -26.9676, -30.4328** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **63.2990, 26.9676, 30.4328**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.2450, -28.7148, -30.0329**, and **40.5030, -19.9680, -35.5211** is the 20% darker color. If you saturate the color by 10%, you get **85.6420, -30.8825, -34.7660**, and if you desaturate by 10%, it is **93.7600, -23.0527, -26.0995**.

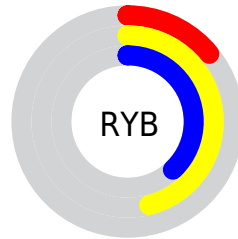
Distribution



Red (22%)

Green (46%)

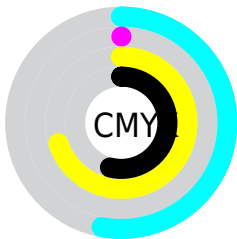
Blue (14%)



Red (14%)

Yellow (46%)

Blue (38%)

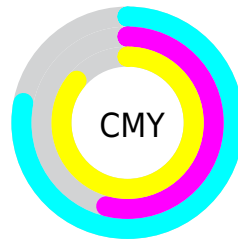


Cyan (53%)

Magenta (0%)

Yellow (70%)

Black (54%)



Cyan (78%)

Magenta (54%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.7010, -26.9676, -30.4328 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 89.7010, -26.9676, -30.4328 by changing the saturation by 10% instead.

■ 89.7010, -26.9676,
-30.4328

■ 89.7010, -26.9676,
-30.4328

255.0000, 0.0000,
0.0000

■ 63.1630, -27.6884,
-32.5920

■ 142.2450,
-28.7148, -30.0329

■ 40.5030, -19.9680,
-35.5211

■ 169.1310,
-29.1516, -29.9329

■ 27.0020, -13.3120,
-23.6808

■ 197.1910,
-30.1672, -30.8625

■ 13.5010, -6.6560,
-11.8404

■ 225.0770,
-30.6040, -30.7625

■ 0.0000, 0.0000,
0.0000

■ 236.8260,
-23.0852, -15.6334

■ 248.6890,

-15.1297, -0.6043

254.0880, -3.4944,
0.7998

89.7010, -26.9676,
-30.4328

89.7010, -26.9676,
-30.4328

85.6420, -30.8825,
-34.7660

93.7600, -23.0527,
-26.0995

81.5830, -34.7974,
-39.0993

97.8190, -19.1378,
-21.7663

77.6380, -38.2755,
-43.5325

101.7640,
-15.6597, -17.3330

105.8230,
-11.7447, -12.9998

109.8820, -7.8298,
-8.6665

■ 113.9410, -3.9149,
-4.3333

■ 118.0000, 0.0000,
0.0000

■ 121.9450, 3.4781,
4.4332

■ 126.0040, 7.3930,
8.7665

Harmonies

Analogous

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



95.0900, -46.8794, 9.5681



89.7010, -26.9676, -30.4328



81.0930, -1.5248, -71.1186

Triad

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



89.7010, -26.9676, -30.4328



89.6380, 48.9855, -78.6125



99.7410, -6.7743, 73.0181

Complementary

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



89.7010, -26.9676, -30.4328



63.2990, 26.9676, 30.4328

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.



103.5170, 13.0561, 59.1826



89.7010, -26.9676, -30.4328



95.5870, 46.5456, -42.6108

Square

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



89.7010, -26.9676, -30.4328



90.8970, 36.0398, -79.7167



107.3410, 29.9049, 21.6259



99.9960, -27.1130, 63.1475

Rectangle

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



89.7010, -26.9676, -30.4328



85.2140, 11.7265, -74.7327



107.3410, 29.9049, 21.6259



100.1520, -0.0749, 70.9037

Sweetspot

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



89.7010, -26.9676, -30.4328



142.1760, -10.4398, -11.5554



96.2110, -30.1770, 19.1090



70.2350, -6.5249, -7.2221



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



89.7010, -26.9676, -30.4328



108.9920, -41.9011, -47.3510



86.1150, -14.8467, -44.8279



56.8210, -1.8838, -2.4740



80.2850, -39.5805, -44.9769



164.6900, -81.1922, -91.8131

Inverse Universe

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



63.2990, 26.9676, 30.4328



68.0080, 41.9011, 47.3510



66.8850, 14.8467, 44.8279



54.8800, 2.0312, 1.8592



41.7150, 39.5805, 44.9769



85.3100, 81.1922, 91.8131

Previews

White Background



This preview shows how the YUV color 89.7010, -26.9676, -30.4328 looks on a white background.

Color Contrast Check

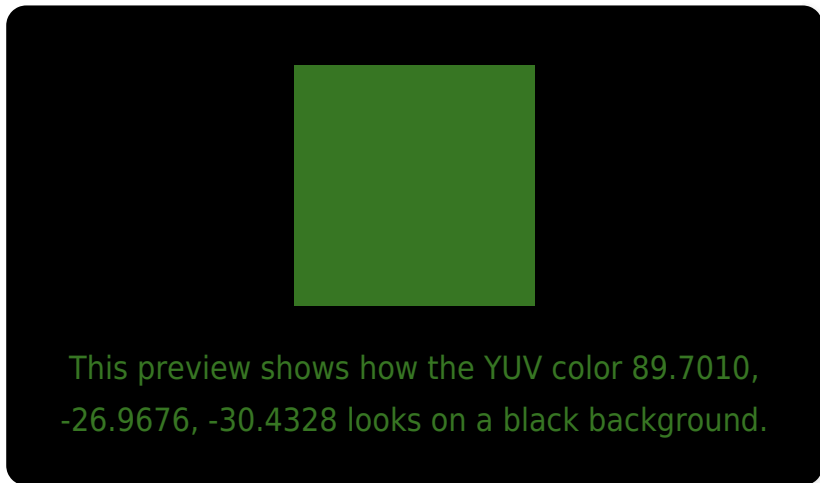
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

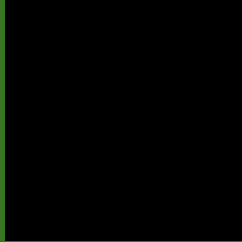
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.7010, -26.9676, -30.4328

Background



This preview shows how black text looks on a background with the YUV color 89.7010, -26.9676, -30.4328.



This preview shows how white text looks on a background with the YUV color 89.7010, -26.9676, -30.4328.

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

89.7010, -26.9676, -30.4328

Protanopia

99.2660, -33.6551, 14.6757

Deuteranopia

101.4720, -29.3197, 24.1421



Tritanopia

99.3650, 9.6801, -24.8761

Trichromacy



Original Color

89.7010, -26.9676, -30.4328

Protanomaly

95.7370, -31.4223, -1.5233

Deuteranomaly

97.1660, -28.6758, 4.2394

Tritanomaly

95.7980, -3.8444, -27.0098

Monochromacy



Original Color

89.7010, -26.9676, -30.4328

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

89.7030, -9.7136, -11.1405

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.7010, -26.9676, -30.4328 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(55, 118, 35)` looks like.

```
.text, #text, p{  
    color:rgb(55, 118, 35)  
}
```

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(55, 118, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 118, 35) }
```

Border

The CSS property to change the border of an element to YUV 89.7010, -26.9676, -30.4328 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(55, 118, 35) }
```


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

```
.border{ border-color:rgb(55, 118, 35) }
```

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

Here you see how a box with a 4 pixel rgb(55, 118, 35) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 118, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 118, 35);  
box-shadow:4px 4px 4px 4px rgb(55, 118,  
35) }
```

Background

The CSS property to change the background color of an element to YUV 89.7010, -26.9676, -30.4328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 118, 35) }
```

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

```
.background{ background-color: rgb(55, 118,  
35) }
```

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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