

Converting Colors

YUV(72.2950, -27.7534,
-11.6597)

Have a look what the booklet for
YUV(72.2950, -27.7534, -11.6597)
contains.

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Color

**YUV(72.2950, -27.7534,
-11.6597)**

Conversions

Conversions Part 1

Format	Color
Hex	3B5A10
RGB	59, 90, 16
RGB Percent	23%, 35%, 6%
CMY	0.7686, 0.6471, 0.9373
CMYK	0.34, 0.00, 0.82, 0.65
HSL	85°, 70%, 21%
HSV	85°, 82%, 35%
XYZ	5.5533, 8.2795, 1.7956
YIQ	72.2950, 5.2780, -29.5860

Conversions

Conversions Part 2

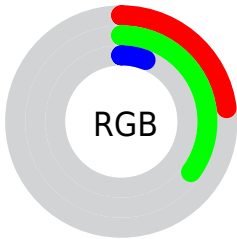
Format	Color
R_{YB}	16, 90, 47
Decimal	3889680
CIE Lab	34.56, -23.91, 36.26
CIE LCh	35, 43.433, 123.396
Yxy	8.2795, 0.3553, 0.5298
Android (android.graphics.Color)	4282079760 (0xFF3B5A10)
YUV	72.2950, -27.7534, -11.6597
Hunter-Lab	28.7742, -15.9050, 16.4420

Details

The YUV color **72.2950, -27.7534, -11.6597** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **33.7050, 27.7534, 11.6597**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **122.1810, -28.1902, -11.5597**, and **28.5190, -14.0599, -17.1182** is the 20% darker color. If you saturate the color by 10%, you get **70.0730, -31.0950, -13.2190**, and if you desaturate by 10%, it is **74.5170, -24.4119, -10.1004**.

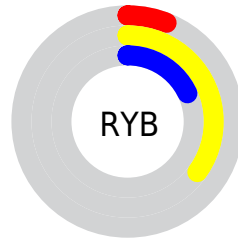
Distribution



Red (23%)

Green (35%)

Blue (6%)



Red (6%)

Yellow (35%)

Blue (18%)

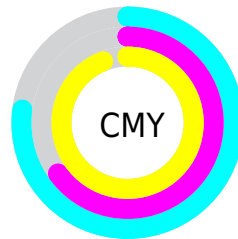


Cyan (34%)

Magenta (0%)

Yellow (82%)

Black (65%)



Cyan (77%)

Magenta (65%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.2950, -27.7534, -11.6597 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 72.2950, -27.7534, -11.6597 by changing the saturation by 10% instead.

■ 72.2950, -27.7534,
-11.6597

■ 72.2950, -27.7534,
-11.6597

■ 254.7720, -0.8736,
0.2000

■ 49.2070, -24.2591,
-12.4595

■ 122.1810,
-28.1902, -11.5597

■ 28.5190, -14.0599,
-17.1182

■ 148.9530,
-29.0638, -11.3598

■ 14.6750, -7.2348,
-12.8700

■ 175.7250,
-29.9374, -11.1598


■ 0.0000, 0.0000,
0.0000


■ 203.1980,
-30.6636, -11.5746


■ 231.6710,
-31.3898, -11.9895


■ 245.8820,


-24.5918, 0.9805


 251.4660,
-13.5407, 3.0993


 72.2950, -27.7534,
-11.6597


 72.2950, -27.7534,
-11.6597


 70.0730, -31.0950,
-13.2190


 74.5170, -24.4119,
-10.1004

 68.3780, -33.7104,
-14.3635

 76.7390, -21.0703,
-8.5411

 78.6620, -17.5814,
-7.5966

 80.8840, -14.2398,
-6.0373

 83.1060, -10.8983,
-4.4780

■ 85.3280, -7.5567,
-2.9187

■ 87.2510, -4.0677,
-1.9741

■ 89.4730, -0.7262,
-0.4148

■ 91.6950, 2.6154,
1.1445

Harmonies

Analogous

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



75.6530, -37.2969, 16.0903



72.2950, -27.7534, -11.6597



61.3510, -6.0890, -53.8048

Triad

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



72.2950, -27.7534, -11.6597



70.8930, 35.5488, -62.1732



78.4660, 0.2633, 55.7193

Complementary

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



72.2950, -27.7534, -11.6597



33.7050, 27.7534, 11.6597

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.



82.2540, 15.1578, 38.3652



72.2950, -27.7534, -11.6597



66.5220, 41.6477, -58.3398

Square

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



72.2950, -27.7534, -11.6597



70.3910, 23.4712, -61.7329



82.6500, 27.7805, 2.9379



78.1010, -16.3188, 54.2854

Rectangle

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



72.2950, -27.7534, -11.6597



65.1470, 3.3785, -57.1339



82.6500, 27.7805, 2.9379



79.4100, 5.2209, 52.2604

Sweetspot

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



72.2950, -27.7534, -11.6597



110.1060, -10.8983, -4.4780



56.3230, -19.8792, 29.5347



54.5560, -6.6831, -3.1186



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.



72.2950, -27.7534, -11.6597



89.4240, -43.5930, -17.9118



61.2320, -22.2994, -34.4065



44.8320, -1.8892, -0.7297



83.7060, -41.2671, -17.2822



180.3810, -88.9278, -37.1681

Inverse Universe

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



33.7050, 27.7534, 11.6597



28.8750, 43.4456, 18.5266



44.7680, 22.2994, 34.4065



42.1680, 1.8892, 0.7297



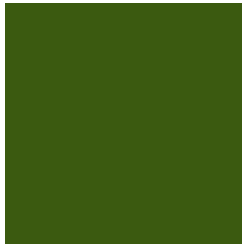
26.2940, 41.2671, 17.2822



56.6190, 88.9278, 37.1681

Previews

White Background



This preview shows how the YUV color 72.2950, -27.7534, -11.6597 looks on a white background.

Color Contrast Check

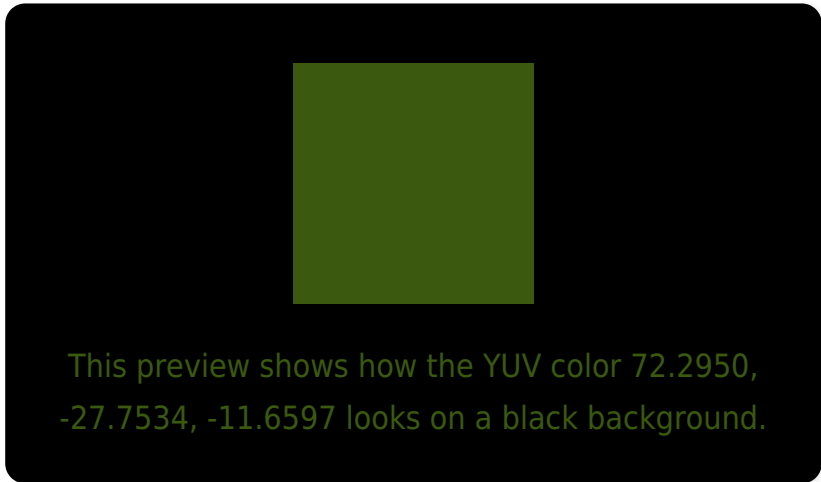
Large Text (above 18pt) WCAG AA ✓ Pass

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

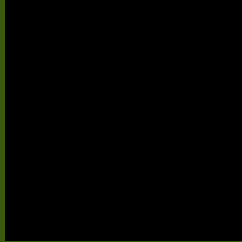
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 72.2950, -27.7534, -11.6597

Background



This preview shows how black text looks on a background with the YUV color 72.2950, -27.7534, -11.6597.



This preview shows how white text looks on a background with the YUV color 72.2950, -27.7534,

-11.6597.

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

72.2950, -27.7534, -11.6597

Protanopia

76.3520, -30.7395, 12.8463

Deuteranopia

78.3190, -27.2723, 20.7682



Tritanopia

79.9000, 4.9793, -10.4363

Trichromacy



Original Color

72.2950, -27.7534, -11.6597

Protanomaly

74.6390, -29.4020, 3.8246

Deuteranomaly

76.1280, -27.6711, 8.6577

Tritanomaly

77.0990, -6.9508, -10.6108

Monochromacy



Original Color

72.2950, -27.7534, -11.6597

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

72.3340, -10.0247, -4.6779

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.2950, -27.7534, -11.6597 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(59, 90, 16)` looks like.

```
.text, #text, p{  
    color:rgb(59, 90, 16)  
}
```

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(59, 90, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 90, 16) }
```

Border

The CSS property to change the border of an element to YUV 72.2950, -27.7534, -11.6597 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(59, 90, 16) }
```


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

```
.border{ border-color:rgb(59, 90, 16) }
```

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

Here you see how a box with a 4 pixel rgb(59, 90, 16) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 90, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 90, 16);  
box-shadow:4px 4px 4px 4px rgb(59, 90, 16)  
}
```

Background

The CSS property to change the background color of an element to YUV 72.2950, -27.7534, -11.6597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 90, 16) }
```

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

```
.background{ background-color: rgb(59, 90,  
16) }
```

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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