

Converting Colors

YUV(72.6770, -17.0958,
-23.3957)

Have a look what the booklet for
YUV(72.6770, -17.0958, -23.3957)
contains.

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Color

**YUV(72.6770, -17.0958,
-23.3957)**

Conversions

Conversions Part 1

Format	Color
Hex	2E5D26
RGB	46, 93, 38
RGB Percent	18%, 36%, 15%
CMY	0.8196, 0.6353, 0.8510
CMYK	0.51, 0.00, 0.59, 0.64
HSL	111°, 42%, 26%
HSV	111°, 59%, 36%
XYZ	5.3909, 8.5495, 3.1998
YIQ	72.6770, -10.3570, -27.0690

Conversions

Conversions Part 2

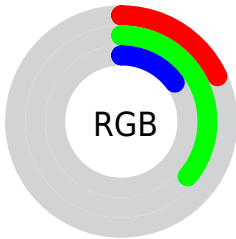
Format	Color
RYB	38, 93, 85
Decimal	3038502
CIELab	35.10, -28.16, 26.39
CIElCh	35, 38.591, 136.860
Yxy	8.5495, 0.3145, 0.4988
Android (android.graphics.Color)	4281228582 (0xFF2E5D26)
YUV	72.6770, -17.0958, -23.3957
Hunter-Lab	29.2395, -18.2589, 13.9793

Details

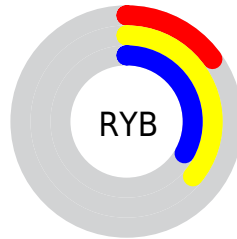
The YUV color **72.6770, -17.0958, -23.3957** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **58.3230, 17.0958, 23.3957**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **122.9220, -18.6955, -23.6106**, and **27.0020, -13.3120, -23.6808** is the 20% darker color. If you saturate the color by 10%, you get **69.2590, -19.8477, -27.4141**, and if you desaturate by 10%, it is **76.0950, -14.3438, -19.3773**.

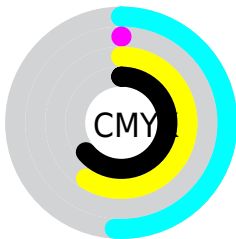
Distribution



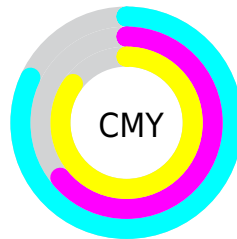
- Red (18%)
- Green (36%)
- Blue (15%)



- Red (15%)
- Yellow (36%)
- Blue (33%)



- Cyan (51%)
- Magenta (0%)
- Yellow (59%)
- Black (64%)



- Cyan (82%)
- Magenta (64%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.6770, -17.0958, -23.3957 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 72.6770, -17.0958, -23.3957 by changing the saturation by 10% instead.

■ 72.6770, -17.0958,
-23.3957

■ 72.6770, -17.0958,
-23.3957

255.0000, 0.0000,
0.0000

■ 48.3070, -15.9274,
-24.8252

■ 122.9220,
-18.6955, -23.6106

■ 27.0020, -13.3120,
-23.6808

■ 149.2810,
-19.8585, -23.9254

■ 15.2620, -7.5242,
-13.3848

■ 175.8680,
-20.1479, -24.4402

■ 0.0000, 0.0000,
0.0000

■ 203.7540,
-20.5847, -24.3403

■ 231.9280,
-21.1635, -25.3699

■ 243.7910,

-13.2080, -10.3407

253.8600, -4.3680,
0.9998

72.6770, -17.0958,
-23.3957

72.6770, -17.0958,
-23.3957

69.2590, -19.8477,
-27.4141

76.0950, -14.3438,
-19.3773

65.7270, -23.0364,
-31.3326

79.6270, -11.1551,
-15.4589

62.3090, -25.7883,
-35.3510

83.0450, -8.4032,
-11.4405

58.8910, -28.5403,
-39.3694

86.4630, -5.6513,
-7.4221

58.7770, -28.9771,
-39.2694

89.9950, -2.4625,
-3.5036

■ 93.4130, 0.2894,
0.5148

■ 96.8310, 3.0413,
4.5332

■ 100.2490, 5.7932,
8.5516

■ 103.7810, 8.9820,
12.4701

Harmonies

Analogous

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



76.9380, -29.5494, 4.4394



72.6770, -17.0958, -23.3957



64.6910, 1.6313, -56.7340

Triad

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



72.6770, -17.0958, -23.3957



69.0180, 35.9801, -60.5288



81.3700, -7.5774, 50.5415

Complementary

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



72.6770, -17.0958, -23.3957



58.3230, 17.0958, 23.3957

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.



83.3980, 6.7058, 42.6240



72.6770, -17.0958, -23.3957



80.1910, 30.4718, -20.3385

Square

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



72.6770, -17.0958, -23.3957



70.2430, 27.9812, -61.6031



85.2730, 19.5854, 18.1776



80.8840, -20.6488, 43.0747

Rectangle

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



72.6770, -17.0958, -23.3957



67.0850, 10.8041, -58.8335



85.2730, 19.5854, 18.1776



81.7380, -2.3358, 49.3418

Sweetspot

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



72.6770, -17.0958, -23.3957



111.8110, -6.8088, -9.4812



82.0340, -21.7088, 9.6172



56.2290, -4.0569, -5.4628



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.



72.6770, -17.0958, -23.3957



88.4830, -26.3671, -36.3806



72.4510, -7.6173, -30.2135



44.2340, -1.5944, -1.9592



69.3540, -34.1915, -46.7915



149.2850, -73.5975, -101.1049

Inverse Universe

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



58.3230, 17.0958, 23.3957



66.2180, 26.5145, 35.7658



58.5490, 7.6173, 30.2135



42.7660, 1.5944, 1.9592



40.6460, 34.1915, 46.7915



87.7150, 73.5975, 101.1049

Previews

White Background



This preview shows how the YUV color 72.6770, -17.0958, -23.3957 looks on a white background.

Color Contrast Check

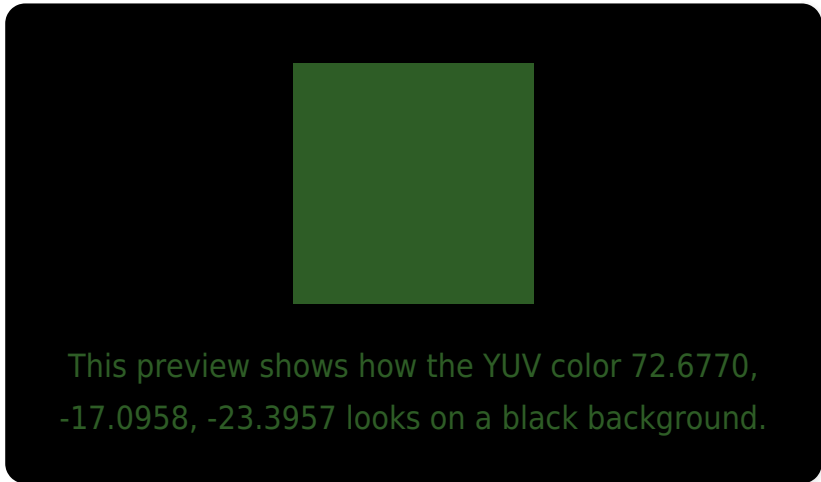
Large Text (above 18pt) WCAG AA ✓ Pass

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 72.6770, -17.0958, -23.3957

Background



This preview shows how black text looks on a background with the YUV color 72.6770, -17.0958, -23.3957.



This preview shows how white text looks on a background with the YUV color 72.6770, -17.0958, -23.3957.

-23.3957.

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

72.6770, -17.0958, -23.3957

Protanopia

79.6320, -22.0036, 10.8467

Deuteranopia

80.7730, -19.1151, 17.7391



Tritanopia

78.8280, 7.4798, -19.1432

Trichromacy



Original Color

72.6770, -17.0958, -23.3957

Protanomaly

77.0110, -20.2184, -1.7636

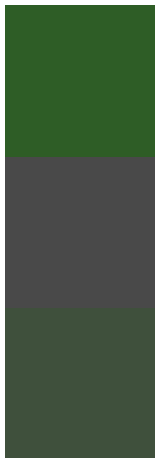
Deuteranomaly

77.6140, -18.0507, 2.9695

Tritanomaly

76.5260, -1.2453, -20.6323

Monochromacy



Original Color

72.6770, -17.0958, -23.3957

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

72.6370, -6.2300, -8.4516

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.6770, -17.0958, -23.3957 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(46, 93, 38)` looks like.

```
.text, #text, p{  
    color:rgb(46, 93, 38)  
}
```

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(46, 93, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 93, 38) }
```

Border

The CSS property to change the border of an element to YUV 72.6770, -17.0958, -23.3957 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(46, 93, 38) }
```


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

```
.border{ border-color:rgb(46, 93, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 93, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 93, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 93, 38);  
box-shadow:4px 4px 4px 4px rgb(46, 93, 38)  
}
```

Background

The CSS property to change the background color of an element to YUV 72.6770, -17.0958, -23.3957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 93, 38) }
```

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

```
.background{ background-color: rgb(46, 93,  
38) }
```

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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