

Converting Colors

YUV(70.1700, -28.1848,
-13.3041)

Have a look what the booklet for
YUV(70.1700, -28.1848, -13.3041)
contains.

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Color

**YUV(70.1700, -28.1848,
-13.3041)**

Conversions

Conversions Part 1

Format	Color
Hex	37590D
RGB	55, 89, 13
RGB Percent	22%, 35%, 5%
CMY	0.7843, 0.6510, 0.9490
CMYK	0.38, 0.00, 0.85, 0.65
HSL	87°, 75%, 20%
HSV	87°, 85%, 35%
XYZ	5.2206, 7.9860, 1.6471
YIQ	70.1700, 4.1320, -30.8440

Conversions

Conversions Part 2

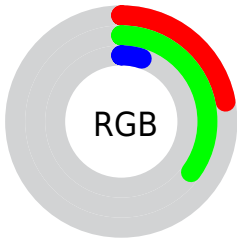
Format	Color
R_{YB}	13, 89, 47
Decimal	3627277
CIE _{Lab}	33.95, -25.26, 36.66
CIE _{LCh}	34, 44.521, 124.560
Yxy	7.9860, 0.3515, 0.5376
Android (android.graphics.Color)	4281817357 (0xFF37590D)
YUV	70.1700, -28.1848, -13.3041
Hunter-Lab	28.2596, -16.4788, 16.3261

Details

The YUV color **70.1700, -28.1848, -13.3041** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **31.8300, 28.1848, 13.3041**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **120.1700, -28.1848, -13.3041**, and **26.4370, -13.0334, -19.6772** is the 20% darker color. If you saturate the color by 10%, you get **67.9480, -31.5264, -14.8634**, and if you desaturate by 10%, it is **72.3920, -24.8433, -11.7448**.

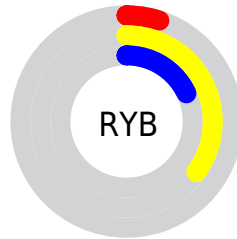
Distribution



Red (22%)

Green (35%)

Blue (5%)



Red (5%)

Yellow (35%)

Blue (18%)

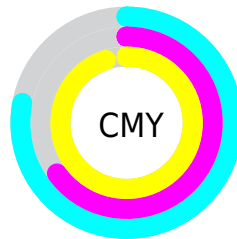


Cyan (38%)

Magenta (0%)

Yellow (85%)

Black (65%)



Cyan (78%)

Magenta (65%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.1700, -28.1848, -13.3041 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 70.1700, -28.1848, -13.3041 by changing the saturation by 10% instead.

70.1700, -28.1848,
-13.3041

70.1700, -28.1848,
-13.3041

254.4300, -2.1840,
0.4999

47.4240, -23.3800,
-14.4038

120.1700,
-28.1848, -13.3041

26.4370, -13.0334,
-19.6772

146.8280,
-29.4952, -13.0042

12.9140, -6.3666,
-11.3256

173.4150,
-29.7846, -13.5190


0.0000, 0.0000,
0.0000


201.1870,
-30.6582, -13.3190


229.6600,
-31.3844, -13.7338


244.3440,


-25.3126, -1.1787


 251.1240,
-14.8511, 3.3993


 70.1700, -28.1848,
-13.3041


 70.1700, -28.1848,
-13.3041


 67.9480, -31.5264,
-14.8634


 72.3920, -24.8433,
-11.7448

 66.8940, -32.9787,
-15.6930

 74.6140, -21.5017,
-10.1855

 76.8360, -18.1601,
-8.6262

 79.0580, -14.8186,
-7.0669

 81.1660, -11.9138,
-5.4076

■ 83.3880, -8.5723,
-3.8483

■ 85.6100, -5.2307,
-2.2890

■ 87.8320, -1.8892,
-0.7297

■ 90.0540, 1.4524,
0.8296

Harmonies

Analogous

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



74.4680, -36.7127, 15.3756



70.1700, -28.1848, -13.3041



60.6500, -6.2364, -53.1900

Triad

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



70.1700, -28.1848, -13.3041



69.8330, 36.5643, -61.2435



76.3630, -0.1790, 57.5636

Complementary

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



70.1700, -28.1848, -13.3041



31.8300, 28.1848, 13.3041

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.



80.2650, 15.1524, 40.1096



70.1700, -28.1848, -13.3041



65.3480, 42.2264, -57.3102

Square

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



70.1700, -28.1848, -13.3041



69.3310, 24.4868, -60.8033



81.6610, 27.7751, 4.6823



76.2860, -16.9030, 55.0002

Rectangle

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



70.1700, -28.1848, -13.3041



64.5600, 3.6679, -56.6191



81.6610, 27.7751, 4.6823



77.4210, 5.2154, 54.0048

Sweetspot

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



70.1700, -28.1848, -13.3041



107.3940, -11.0402, -5.6075



55.0950, -20.7528, 29.7347



54.4420, -7.1199, -3.0186



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.



70.1700, -28.1848, -13.3041



86.3420, -42.5666, -20.4709



59.1070, -22.7308, -36.0508



41.9460, -1.4524, -0.8296



80.4500, -39.6618, -18.8116



176.8150, -87.1698, -41.0568

Inverse Universe

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



31.8300, 28.1848, 13.3041



28.3590, 42.7140, 19.8562



42.8930, 22.7308, 36.0508



40.0540, 1.4524, 0.8296



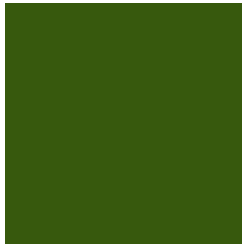
26.5500, 39.6619, 18.8117



58.1850, 87.1698, 41.0568

Previews

White Background



This preview shows how the YUV color 70.1700, -28.1848, -13.3041 looks on a white background.

Color Contrast Check

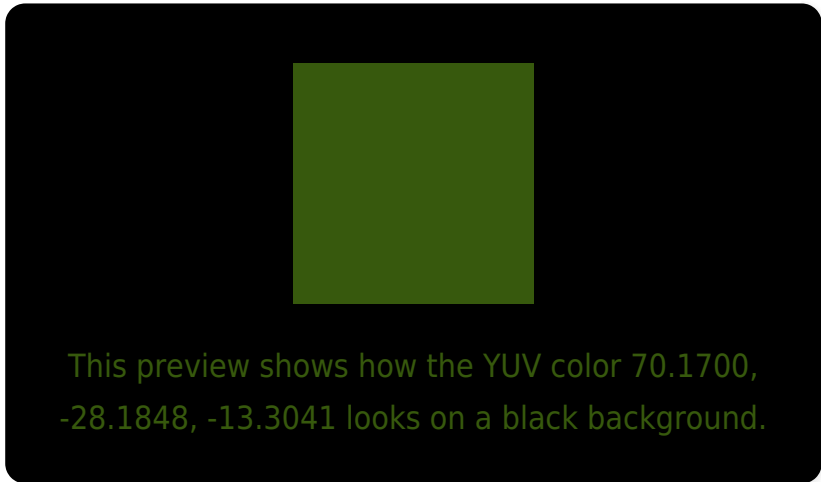
Large Text (above 18pt) WCAG AA ✓ Pass

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

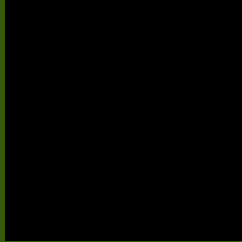
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 70.1700, -28.1848, -13.3041

Background



This preview shows how black text looks on a background with the YUV color 70.1700, -28.1848, -13.3041.



This preview shows how white text looks on a background with the YUV color 70.1700, -28.1848, -13.3041.

-13.3041.

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

70.1700, -28.1848, -13.3041

Protanopia

75.0100, -32.0499, 13.1462

Deuteranopia

76.9060, -27.5617, 20.2534



Tritanopia

78.3020, 5.2741, -11.6659

Trichromacy



Original Color

70.1700, -28.1848, -13.3041

Protanomaly

72.9980, -30.5650, 3.5098

Deuteranomaly

74.7150, -27.9605, 8.1429

Tritanomaly

75.0880, -6.9454, -12.3552

Monochromacy



Original Color

70.1700, -28.1848, -13.3041

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

70.2200, -10.4615, -4.5779

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.1700, -28.1848, -13.3041 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, 89, 13)` looks like.

```
.text, #text, p{  
    color:rgb(55, 89, 13)  
}
```

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, 89, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 89, 13) }
```

Border

The CSS property to change the border of an element to YUV 70.1700, -28.1848, -13.3041 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, 89, 13) }
```


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

```
.border{ border-color:rgb(55, 89, 13) }
```

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

Here you see how a box with a 4 pixel rgb(55, 89, 13) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 89, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 89, 13);  
box-shadow:4px 4px 4px 4px rgb(55, 89, 13)  
}
```

Background

The CSS property to change the background color of an element to YUV 70.1700, -28.1848, -13.3041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 89, 13) }
```

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

```
.background{ background-color: rgb(55, 89,  
13) }
```

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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