

Converting Colors

YUV(36.2800, -11.4770, -5.5076)

Have a look what the booklet for
YUV(36.2800, -11.4770, -5.5076)
contains.

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Color

**YUV(36.2800, -11.4770,
-5.5076)**

Conversions

Conversions Part 1

Format	Color
Hex	1E2C0D
RGB	30, 44, 13
RGB Percent	12%, 17%, 5%
CMY	0.8824, 0.8275, 0.9490
CMYK	0.32, 0.00, 0.70, 0.83
HSL	87°, 54%, 11%
HSV	87°, 70%, 17%
XYZ	1.5087, 2.1064, 0.7078
YIQ	36.2800, 1.6070, -12.6090

Conversions

Conversions Part 2

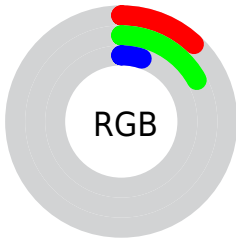
Format	Color
RYB	13, 44, 27
Decimal	1977357
CIELab	16.04, -12.43, 17.52
CIELCh	16, 21.483, 125.343
Yxy	2.1064, 0.3490, 0.4873
Android (android.graphics.Color)	4280167437 (0xFF1E2C0D)
YUV	36.2800, -11.4770, -5.5076
Hunter-Lab	14.5136, -6.8429, 7.2679

Details

The YUV color **36.2800, -11.4770, -5.5076** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **20.7200, 11.4770, 5.5076**, and the grayscale version is **36.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **81.6390, -12.6400, -5.8224**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **35.2260, -12.9294, -6.3372**, and if you desaturate by 10%, it is **37.3340, -10.0247, -4.6779**.

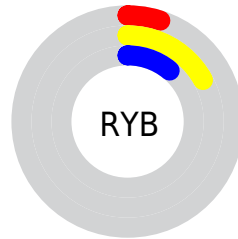
Distribution



Red (12%)

Green (17%)

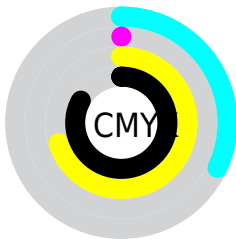
Blue (5%)



Red (5%)

Yellow (17%)

Blue (11%)

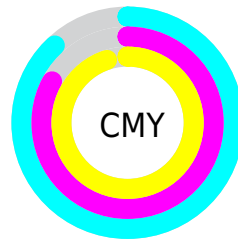


Cyan (32%)

Magenta (0%)

Yellow (70%)

Black (83%)



Cyan (88%)

Magenta (83%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 36.2800, -11.4770, -5.5076 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 36.2800, -11.4770, -5.5076 by changing the saturation by 10% instead.

■ 36.2800, -11.4770,
-5.5076

■ 36.2800, -11.4770,
-5.5076

■ 253.0620, -7.4256,
1.6996

■ 14.6860, -7.2402,
-11.1256

■ 81.6390, -12.6400,
-5.8224

■ 0.0000, 0.0000,
0.0000

■ 105.5250,
-13.0768, -5.7224


■ 130.9980,
-13.8030, -6.1372


■ 156.9980,
-13.8030, -6.1372


■ 183.8840,
-14.2398, -6.0373


■ 211.7700,


-14.6766, -5.9373


 240.2430,
-15.4028, -6.3521


 36.2800, -11.4770,
-5.5076


 36.2800, -11.4770,
-5.5076


 35.2260, -12.9294,
-6.3372


 37.3340, -10.0247,
-4.6779


 34.0580, -14.8186,
-7.0669

 38.5020, -8.1355,
-3.9483

 33.0040, -16.2710,
-7.8965

 39.5560, -6.6831,
-3.1186

 40.7240, -4.7939,
-2.3889

 41.7780, -3.3416,
-1.5593

■ 42.8320, -1.8892,
-0.7297

■ 44.0000, 0.0000,
0.0000

■ 45.0540, 1.4524,
0.8296

■ 46.2220, 3.3416,
1.5593

Harmonies

Analogous

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



37.8040, -16.1724, 7.1879



36.2800, -11.4770, -5.5076



31.8740, -2.4029, -22.6915

Triad

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



36.2800, -11.4770, -5.5076



34.0530, 16.2429, -29.8645



39.9260, -0.9495, 24.6209

Complementary

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



36.2800, -11.4770, -5.5076



20.7200, 11.4770, 5.5076

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.



41.3040, 5.7661, 17.2734



36.2800, -11.4770, -5.5076



36.5320, 16.4997, -18.8836

Square

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



36.2800, -11.4770, -5.5076



34.0870, 11.2961, -29.8943



41.1110, 11.7773, 2.5337



39.3790, -8.0748, 23.3466

Rectangle

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



36.2800, -11.4770, -5.5076



31.8070, 2.5601, -27.8947



41.1110, 11.7773, 2.5337



40.4850, 1.2399, 22.3767

Sweetspot

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



36.2800, -11.4770, -5.5076



53.1370, -4.5045, -1.8741



30.4870, -8.6211, 11.8509



26.3050, -2.6154, -1.1445



156.0000, 0.0000, 0.0000



28.0000, 0.0000, 0.0000

Same Dimension

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



36.2800, -11.4770, -5.5076



44.2490, -17.8708, -8.1114



31.7950, -9.2659, -14.7292



22.4730, -0.7262, -0.4148



65.4210, -32.2526, -15.2782



160.6010, -79.1763, -38.2381

Inverse Universe

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



20.7200, 11.4770, 5.5076



20.0500, 17.7233, 8.7262



25.2050, 9.2659, 14.7292



21.5270, 0.7262, 0.4148



21.5790, 32.2526, 15.2782



53.3990, 79.1763, 38.2381

Previews

White Background



This preview shows how the YUV color 36.2800, -11.4770, -5.5076 looks on a white background.

Color Contrast Check

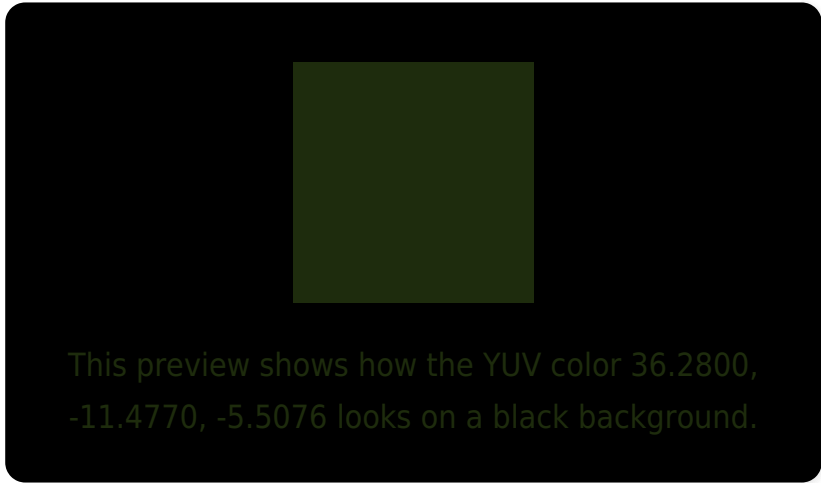
Large Text (above 18pt) WCAG AA ✓ Pass

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

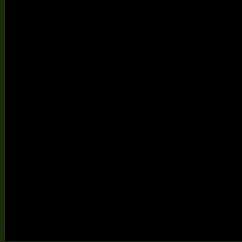
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 36.2800, -11.4770, -5.5076

Background



This preview shows how black text looks on a background with the YUV color 36.2800, -11.4770, -5.5076.



This preview shows how white text looks on a background with the YUV color 36.2800, -11.4770,

-5.5076.

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

36.2800, -11.4770, -5.5076

Protanopia

38.3030, -12.9674, 5.8733

Deuteranopia

38.9660, -11.8152, 9.6768



Tritanopia

39.2490, 2.3422, -4.6034

Trichromacy



Original Color

36.2800, -11.4770, -5.5076

Protanomaly

37.3950, -12.5197, 2.2846

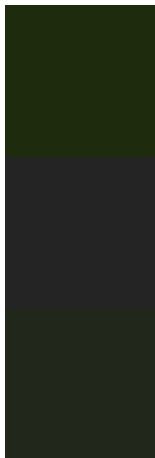
Deuteranomaly

37.9330, -11.7990, 4.4438

Tritanomaly

38.2830, -2.6045, -4.6332

Monochromacy



Original Color

36.2800, -11.4770, -5.5076

Achromatopsia

36.0000, 0.0000, 0.0000

Achromatomaly

36.2510, -4.0677, -1.9741

CSS Examples

Text

The CSS property to change the color of the text to YUV 36.2800, -11.4770, -5.5076 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(30, 44, 13)` looks like.

```
.text, #text, p{  
    color:rgb(30, 44, 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(30, 44, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 44, 13) }
```

Border

The CSS property to change the border of an element to YUV 36.2800, -11.4770, -5.5076 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(30, 44, 13) }
```


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

```
.border{ border-color:rgb(30, 44, 13) }
```

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

Here you see how a box with a 4 pixel rgb(30, 44, 13) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 44, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 44, 13);  
box-shadow:4px 4px 4px 4px rgb(30, 44, 13)  
}
```

Background

The CSS property to change the background color of an element to YUV 36.2800, -11.4770, -5.5076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 44, 13) }
```

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

```
.background{ background-color: rgb(30, 44,  
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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