

# Converting Colors

YUV(66.0930, -28.1468,  
-25.5146)

Have a look what the booklet for  
YUV(66.0930, -28.1468, -25.5146)  
contains.

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# Color

**YUV(66.0930, -28.1468,  
-25.5146)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	255C09
RGB	37, 92, 9
RGB Percent	15%, 36%, 4%
CMY	0.8549, 0.6392, 0.9647
CMYK	0.60, 0.00, 0.90, 0.64
HSL	100°, 82%, 20%
HSV	100°, 90%, 36%
XYZ	4.6394, 8.0673, 1.5711
YIQ	66.0930, -6.1370, -37.4730

# Conversions

## Conversions Part 2

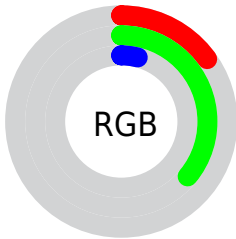
<b>Format</b>	<b>Color</b>
<b>RYB</b>	9, 92, 64
Decimal	2448393
CIELab	34.12, -33.32, 37.73
CIELCh	34, 50.332, 131.446
Yxy	8.0673, 0.3249, 0.5650
Android (android.graphics.Color)	4280638473 (0xFF255C09)
YUV	66.0930, -28.1468, -25.5146
Hunter-Lab	28.4030, -20.5488, 16.6026

# Details

The YUV color **66.0930, -28.1468, -25.5146** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **34.9070, 28.1468, 25.5146**, and the grayscale version is **66.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **117.5060, -27.8575, -24.9998**, and **26.4150, -13.0226, -23.1660** is the 20% darker color. If you saturate the color by 10%, you get **63.2730, -31.1936, -28.3034**, and if you desaturate by 10%, it is **68.9130, -25.1001, -22.7257**.

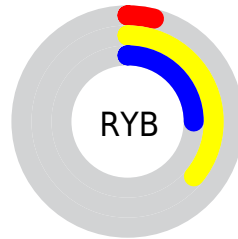
# Distribution



Red (15%)

Green (36%)

Blue (4%)



Red (4%)

Yellow (36%)

Blue (25%)

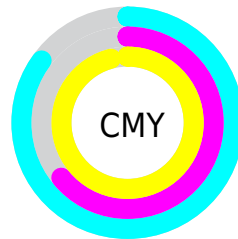


Cyan (60%)

Magenta (0%)

Yellow (90%)

Black (64%)



Cyan (85%)

Magenta (64%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 66.0930, -28.1468, -25.5146 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 66.0930, -28.1468, -25.5146 by changing the saturation by 10% instead.



■ 66.0930, -28.1468,  
-25.5146

■ 66.0930, -28.1468,  
-25.5146

■ 254.2020, -3.0576,  
0.6998

■ 42.0090, -20.7104,  
-30.7029

■ 117.5060,  
-27.8575, -24.9998

■ 26.4150, -13.0226,  
-23.1660

■ 144.1640,  
-29.1679, -24.6998

■ 13.5010, -6.6560,  
-11.8404

■ 170.7510,  
-29.4572, -25.2146

■ 0.0000, 0.0000,  
0.0000


■ 198.5230,  
-30.3308, -25.0147


■ 226.8820,  
-31.4938, -25.3295


■ 239.3320,


-23.8277, -10.8152


 250.8960,  
-15.7247, 3.5992


 66.0930, -28.1468,  
-25.5146


 66.0930, -28.1468,  
-25.5146


 63.2730, -31.1936,  
-28.3034

 68.9130, -25.1001,  
-22.7257

 71.7330, -22.0534,  
-19.9368

 74.6670, -18.5698,  
-17.2480

 77.4870, -15.5231,  
-14.4591

 80.3070, -12.4764,  
-11.6702

■ 83.4260, -9.5770,  
-8.2666

■ 86.2460, -6.5303,  
-5.4777

■ 89.1800, -3.0467,  
-2.7889

■ 92.0000, 0.0000,  
0.0000

# Harmonies

## Analogous

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



73.8370, -36.4016, 8.9130



66.0930, -28.1468, -25.5146



62.3940, -4.6312, -54.7195

# Triad

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



66.0930, -28.1468, -25.5146



71.7880, 41.5165, -62.9581



72.4460, -2.6849, 68.0149

# Complementary

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



66.0930, -28.1468, -25.5146



34.9070, 28.1468, 25.5146

# 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.



77.5270, 14.5302, 53.0348



66.0930, -28.1468, -25.5146



65.0860, 46.2996, -57.0804

# Square

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



66.0930, -28.1468, -25.5146



72.1010, 30.0232, -63.2326



82.3680, 28.9056, 15.4633



75.1140, -22.7342, 58.6590



# Rectangle

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



66.0930, -28.1468, -25.5146



66.7600, 7.0203, -58.5485



82.3680, 28.9056, 15.4633



73.0420, 3.4303, 66.6152

# Sweetspot

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



66.0930, -28.1468, -25.5146



109.6600, -11.1714, -10.2258



65.5150, -27.8619, 23.2273



54.9470, -6.3829, -6.0925



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.



66.0930, -28.1468, -25.5146



82.4000, -40.6232, -37.1848



59.0890, -18.7779, -43.9281



44.5330, -1.7418, -1.3444



75.6330, -37.2871, -33.8811



163.0390, -80.3782, -72.8252



# Inverse Universe

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



34.9070, 28.1468, 25.5146



37.3010, 40.7706, 36.5700



41.9110, 18.7779, 43.9281



42.4670, 1.7418, 1.3444



34.3670, 37.2871, 33.8811



73.9610, 80.3782, 72.8252



# Previews

## White Background



This preview shows how the YUV color 66.0930, -28.1468, -25.5146 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

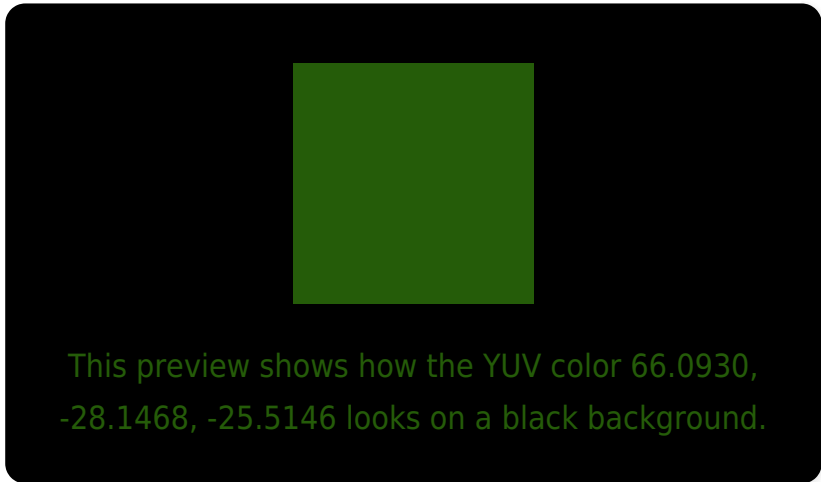
Any Text WCAG AA ✓ Pass

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 66.0930, -28.1468, -25.5146 Background



This preview shows how black text looks on a background with the YUV color 66.0930, -28.1468, -25.5146.



This preview shows how white text looks on a background with the YUV color 66.0930, -28.1468,

-25.5146.

# 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

66.0930, -28.1468, -25.5146

### Protanopia

74.0980, -35.5443, 13.9461

### Deuteranopia

77.2050, -27.7091, 20.8682



## Tritanopia

76.5180, 7.6326, -21.5023

# Trichromacy



## Original Color

66.0930, -28.1468, -25.5146

## Protanomaly

71.1070, -32.5908, -0.0938

## Deuteranomaly

73.3940, -27.8022, 4.0395

## Tritanomaly

72.7770, -5.3131, -22.6064

# Monochromacy



## Original Color

66.0930, -28.1468, -25.5146

## Achromatopsia

66.0000, 0.0000, 0.0000

## Achromatomaly

65.6000, -10.1558, -9.2962

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 66.0930, -28.1468, -25.5146 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(37, 92, 9)` looks like.

```
.text, #text, p{  
    color:rgb(37, 92, 9)  
}
```

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(37, 92, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 92, 9) }
```

## Border

The CSS property to change the border of an element to YUV 66.0930, -28.1468, -25.5146 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(37, 92, 9) }
```



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

```
.border{ border-color:rgb(37, 92, 9) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 92, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 92, 9); -webkit-box-shadow:4px  
4px 4px 4px rgb(37, 92, 9); box-shadow:4px  
4px 4px 4px rgb(37, 92, 9) }
```

# Background

The CSS property to change the background color of an element to YUV 66.0930, -28.1468, -25.5146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 92, 9) }
```

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

```
.background{ background-color: rgb(37, 92,  
9) }
```

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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