

# Converting Colors

YUV(66.9230, 13.3490,  
-35.0125)

Have a look what the booklet for  
YUV(66.9230, 13.3490, -35.0125)  
contains.

<b>YUV(66.9230, 13.3490, -35.0125)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(66.9230, 13.3490,  
-35.0125)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1B525E
RGB	27, 82, 94
RGB Percent	11%, 32%, 37%
CMY	0.8941, 0.6784, 0.6314
CMYK	0.71, 0.13, 0.00, 0.63
HSL	191°, 55%, 24%
HSV	191°, 71%, 37%
XYZ	5.4897, 7.0758, 11.6661
YIQ	66.9230, -36.6320, -7.9280

# Conversions

## Conversions Part 2

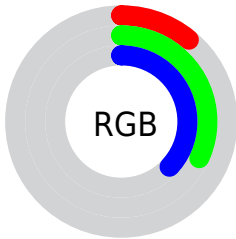
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	27, 57, 94
Decimal	1790558
CIE <sub>Lab</sub>	31.98, -13.53, -12.27
CIE <sub>LCh</sub>	32, 18.266, 222.200
Yxy	7.0758, 0.2266, 0.2920
Android (android.graphics.Color)	4279980638 (0xFF1B525E)
YUV	66.9230, 13.3490, -35.0125
Hunter-Lab	26.6003, -9.7123, -7.3826

# Details

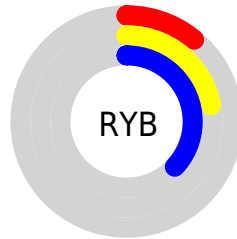
The YUV color **66.9230, 13.3490, -35.0125** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **54.0770, -13.3490, 35.0125**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.1190, 12.7593, -32.5534**, and **27.1910, 10.2588, -23.8465** is the 20% darker color. If you saturate the color by 10%, you get **63.0580, 15.2544, -39.5159**, and if you desaturate by 10%, it is **70.7880, 11.4435, -30.5091**.

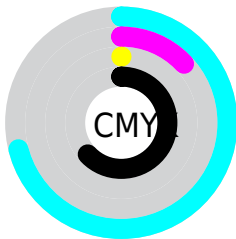
# Distribution



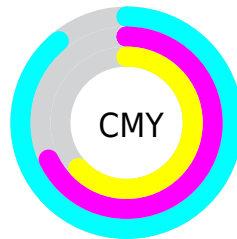
- Red (11%)
- Green (32%)
- Blue (37%)



- Red (11%)
- Yellow (22%)
- Blue (37%)



- Cyan (71%)
- Magenta (13%)
- Yellow (0%)
- Black (63%)



- Cyan (89%)
- Magenta (68%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 66.9230, 13.3490, -35.0125 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 66.9230, 13.3490, -35.0125 by changing the saturation by 10% instead.



66.9230, 13.3490,  
-35.0125

66.9230, 13.3490,  
-35.0125

255.0000, 0.0000,  
0.0000

42.6130, 13.5018,  
-37.3716

118.1190, 12.7593,  
-32.5534

27.1910, 10.2588,  
-23.8465

144.2330, 13.1961,  
-32.6533

11.2960, 7.7421,  
-9.9066

170.9340, 13.3435,  
-33.2681

0.0000, 0.0000,  
0.0000

198.0480, 13.7803,  
-33.3681

226.7490, 13.9277,  
-33.9829

243.6380, 5.6015,

-23.3615

252.3090, 1.3267,  
-5.5330

66.9230, 13.3490,  
-35.0125

66.9230, 13.3490,  
-35.0125

63.0580, 15.2544,  
-39.5159

70.7880, 11.4435,  
-30.5091

59.4810, 17.0179,  
-45.1488

74.3650, 9.6801,  
-24.8761

55.9150, 18.7759,  
-49.0375

78.2300, 7.7746,  
-20.3727

82.3940, 5.7218,  
-15.2545

85.6720, 4.1057,  
-10.2363

■ 89.5370, 2.2003,  
-5.7329

■ 93.7010, 0.1474,  
-0.6148

■ 96.9790, -1.4686,  
4.4034

■ 101.1430, -3.5215,  
9.5216

# Harmonies

## Analogous

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



67.2240, 6.7916, -31.7684



66.9230, 13.3490, -35.0125



70.8580, 15.3530, -24.4315

# Triad

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



66.9230, 13.3490, -35.0125



77.0330, 3.4347, 18.3881



73.5910, -13.1094, 4.7437

# Complementary

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



66.9230, 13.3490, -35.0125



54.0770, -13.3490, 35.0125

# 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.



74.9560, -13.2893, 15.8246



66.9230, 13.3490, -35.0125



76.6440, -3.2755, 23.9912

# Square

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



66.9230, 13.3490, -35.0125



76.9760, 9.8718, 7.0370



76.0260, -9.3798, 21.9022



71.9530, -8.8508, -7.8518



# Rectangle

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



66.9230, 13.3490, -35.0125



73.5110, 15.0311, -14.4801



76.0260, -9.3798, 21.9022



74.3850, -13.9938, 8.4324

# Sweetspot

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



66.9230, 13.3490, -35.0125



112.1770, 4.8427, -13.3102



67.5830, -14.5844, -35.5913



54.7540, 3.0793, -7.6773



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.



66.9230, 13.3490, -35.0125



80.0390, 20.6868, -55.2852



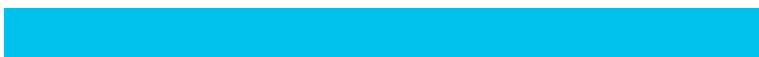
47.5520, 22.8989, -18.0241



43.9180, 1.0264, -2.5591



65.3700, 22.0026, -57.3295



141.4830, 47.0899, -124.0806



# Inverse Universe

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



53.3030, 14.1476, 35.6913



58.3130, 22.5237, 55.8535



73.4480, -22.8989, 18.0241



42.9510, 1.0102, 2.6740



43.1500, 23.0970, 58.6274



93.0930, 50.2402, 126.2064



# Previews

## White Background



This preview shows how the YUV color 66.9230, 13.3490, -35.0125 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



This preview shows how the YUV color 66.9230, 13.3490, -35.0125 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

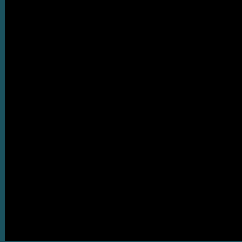
Any Text WCAG AA × Fail

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 66.9230, 13.3490, -35.0125 Background



This preview shows how black text looks on a background with the YUV color 66.9230, 13.3490, -35.0125.



This preview shows how white text looks on a background with the YUV color 66.9230, 13.3490,

-35.0125.

# 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

66.9230, 13.3490, -35.0125

### Protanopia

75.1120, 6.8468, -2.7292

### Deuteranopia

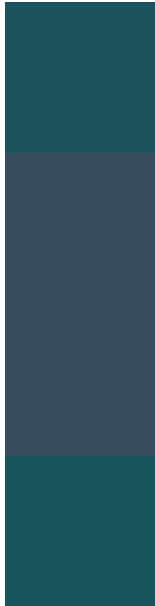
75.6110, 10.0518, -4.0438



## Tritanopia

66.0430, 11.3178, -36.8717

# Trichromacy



## Original Color

66.9230, 13.3490, -35.0125

## Protanomaly

72.3170, 9.2107, -14.3100

## Deuteranomaly

72.4740, 11.1053, -15.3247

## Tritanomaly

66.5700, 12.0440, -36.4569

# Monochromacy



## Original Color

66.9230, 13.3490, -35.0125

## Achromatopsia

67.0000, 0.0000, 0.0000

## Achromatomaly

66.5900, 5.1321, -12.7954

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 66.9230, 13.3490, -35.0125 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(27, 82, 94)` looks like.

```
.text, #text, p{  
    color:rgb(27, 82, 94)  
}
```

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(27, 82, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 82, 94) }
```

## Border

The CSS property to change the border of an element to YUV 66.9230, 13.3490, -35.0125 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(27, 82, 94) }
```



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

```
.border{ border-color:rgb(27, 82, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(27, 82, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 82, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 82, 94);  
box-shadow:4px 4px 4px 4px rgb(27, 82, 94)  
}
```

# Background

The CSS property to change the background color of an element to YUV 66.9230, 13.3490, -35.0125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 82, 94) }
```

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

```
.background{ background-color: rgb(27, 82,  
94) }
```

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](#).

# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor