

# Converting Colors

YUV(39.0900, 6.8576, -6.2179)

Have a look what the booklet for  
YUV(39.0900, 6.8576, -6.2179)  
contains.

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# Color

**YUV(39.0900, 6.8576,  
-6.2179)**

# Conversions

## Conversions Part 1

Format	Color
Hex	202835
RGB	32, 40, 53
RGB Percent	13%, 16%, 21%
CMY	0.8745, 0.8431, 0.7922
CMYK	0.40, 0.25, 0.00, 0.79
HSL	217°, 25%, 17%
HSV	217°, 40%, 21%
XYZ	1.9971, 2.0817, 3.6647
YIQ	39.0900, -8.9410, 2.3470

# Conversions

## Conversions Part 2

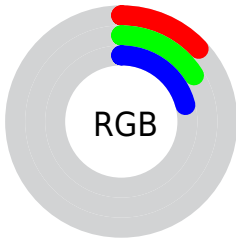
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	32, 38, 53
Decimal	2107445
CIE Lab	15.91, 0.43, -9.56
CIE LCh	16, 9.566, 272.556
Yxy	2.0817, 0.2579, 0.2688
Android (android.graphics.Color)	4280297525 (0xFF202835)
YUV	39.0900, 6.8576, -6.2179
Hunter-Lab	14.4281, -0.5422, -4.9599

# Details

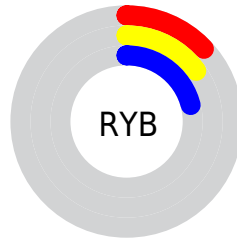
The YUV color **39.0900, 6.8576, -6.2179** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **45.9100, -6.8576, 6.2179**, and the grayscale version is **39.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **84.3180, 7.7312, -6.4179**, and **0.6840, 2.6208, -0.5999** is the 20% darker color. If you saturate the color by 10%, you get **35.8340, 8.4628, -7.7474**, and if you desaturate by 10%, it is **42.3460, 5.2524, -4.6884**.

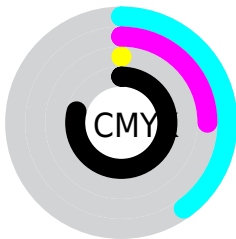
# Distribution



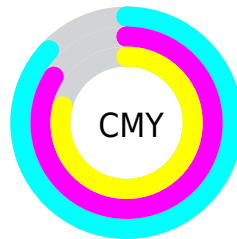
- Red (13%)
- Green (16%)
- Blue (21%)



- Red (13%)
- Yellow (15%)
- Blue (21%)



- Cyan (40%)
- Magenta (25%)
- Yellow (0%)
- Black (79%)



- Cyan (87%)
- Magenta (84%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 39.0900, 6.8576, -6.2179 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 39.0900, 6.8576, -6.2179 by changing the saturation by 10% instead.



■ 39.0900, 6.8576,  
-6.2179

■ 39.0900, 6.8576,  
-6.2179

■ 255.0000, 0.0000,  
0.0000

■ 18.0900, 6.8576,  
-6.2179

■ 84.3180, 7.7312,  
-6.4179

■ 0.6840, 2.6208,  
-0.5999

■ 108.4320, 8.1680,  
-6.5179

■ 0.0000, 0.0000,  
0.0000

■ 133.4320, 8.1680,  
-6.5179

■ 160.1330, 8.3154,  
-7.1326

■ 187.2470, 8.7522,  
-7.2326

■ 214.6600, 9.0416,

-6.7178

242.5630, 6.1314,  
-6.6328

39.0900, 6.8576,  
-6.2179

39.0900, 6.8576,  
-6.2179

35.8340, 8.4628,  
-7.7474

42.3460, 5.2524,  
-4.6884

31.6920, 10.5048,  
-9.3769

46.4880, 3.2104,  
-3.0590

28.4360, 12.1101,  
-10.9064

49.7440, 1.6052,  
-1.5295

25.1800, 13.7153,  
-12.4359

53.0000, 0.0000,  
0.0000

21.6250, 15.4679,  
-14.5801

56.5550, -1.7526,  
2.1443

■ 17.7820, 17.3625,  
-15.5948

■ 60.3980, -3.6472,  
3.1590

■ 63.6540, -5.2524,  
4.6884

■ 66.9100, -6.8576,  
6.2179

■ 71.0520, -8.8996,  
7.8474

# Harmonies

## Analogous

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



37.3450, 6.7319, -12.5806



39.0900, 6.8576, -6.2179



40.3790, 5.2362, 0.5446

# Triad

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



39.0900, 6.8576, -6.2179



40.1540, -3.5269, 11.2659



37.6740, -2.3043, -7.6071

# Complementary

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



39.0900, 6.8576, -6.2179



45.9100, -6.8576, 6.2179

# 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.



38.3220, -5.0887, -1.1594



39.0900, 6.8576, -6.2179



39.8610, -5.8475, 8.8919

# Square

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



39.0900, 6.8576, -6.2179



40.8380, -0.9061, 10.6661



39.0130, -6.4154, 4.3736



36.3790, 1.7852, -12.6104



# Rectangle

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



39.0900, 6.8576, -6.2179



40.6570, 3.6201, 5.5628



39.0130, -6.4154, 4.3736



37.4570, -3.1833, -5.6628

# Sweetspot

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



39.0900, 6.8576, -6.2179



63.6730, 2.6262, -2.3442



45.8090, -0.3988, -12.1105



32.7440, 1.6052, -1.5295



163.0000, 0.0000, 0.0000



36.0000, 0.0000, 0.0000



# Same Dimension

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



39.0900, 6.8576, -6.2179



46.8060, 10.9416, -9.4769



34.9920, 8.8779, -0.8700



23.9290, 1.0210, -0.8147



30.1040, 29.0357, -26.4012



73.4590, 70.7657, -64.4235



# Inverse Universe

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



39.1910, 0.3988, 12.1105



47.2350, 0.3771, 19.0879



50.0080, -8.8779, 0.8700



24.0110, -0.0054, 1.7444



30.4870, 1.7319, 51.3159

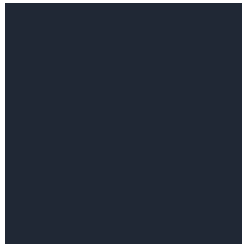


74.3450, 4.2669, 125.1084



# Previews

## White Background



This preview shows how the YUV color 39.0900, 6.8576, -6.2179 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

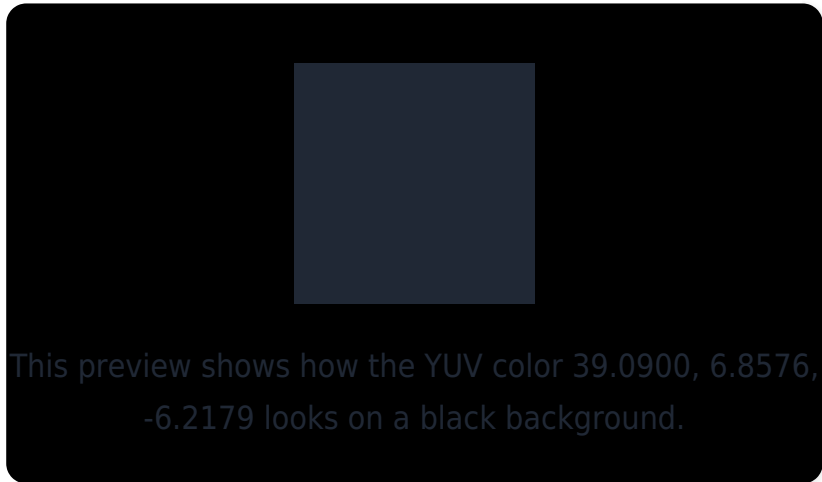
Any Text WCAG AA ✓ Pass

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

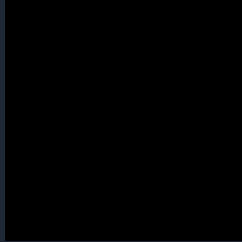
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

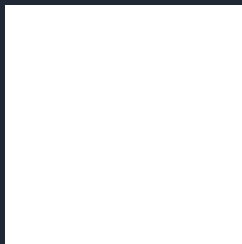
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 39.0900, 6.8576, -6.2179

## Background



This preview shows how black text looks on a background with the YUV color 39.0900, 6.8576, -6.2179.



This preview shows how white text looks on a background with the YUV color 39.0900, 6.8576, -6.2179.

-6.2179.

# 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

39.0900, 6.8576, -6.2179

### Protanopia

39.5850, 6.1206, -3.1440

### Deuteranopia

39.6990, 6.5574, -3.2440



## Tritanopia

38.1670, 3.3687, -7.1625

# Trichromacy



## Original Color

39.0900, 6.8576, -6.2179

## Protanomaly

39.2860, 6.2680, -3.7588

## Deuteranomaly

39.4000, 6.7048, -3.8588

## Tritanomaly

38.8080, 4.5317, -6.8476

# Monochromacy



## Original Color

39.0900, 6.8576, -6.2179

## Achromatopsia

39.0000, 0.0000, 0.0000

## Achromatomaly

38.6730, 2.6262, -2.3442

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 39.0900, 6.8576, -6.2179 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(32, 40, 53)` looks like.

```
.text, #text, p{  
    color:rgb(32, 40, 53)  
}
```

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(32, 40, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 40, 53) }
```

## Border

The CSS property to change the border of an element to YUV 39.0900, 6.8576, -6.2179 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(32, 40, 53) }
```



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

```
.border{ border-color:rgb(32, 40, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(32, 40, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 40, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 40, 53);  
box-shadow:4px 4px 4px 4px rgb(32, 40, 53)  
}
```

# Background

The CSS property to change the background color of an element to YUV 39.0900, 6.8576, -6.2179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 40, 53) }
```

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

```
.background{ background-color: rgb(32, 40,  
53) }
```

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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