

# Converting Colors

YUV(56.0930, -1.0318, 4.3034)

Have a look what the booklet for  
YUV(56.0930, -1.0318, 4.3034)  
contains.

<b>YUV(56.0930, -1.0318, 4.3034)</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(56.0930, -1.0318,  
4.3034)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3D3636
RGB	61, 54, 54
RGB Percent	24%, 21%, 21%
CMY	0.7608, 0.7882, 0.7882
CMYK	0.00, 0.11, 0.11, 0.76
HSL	0°, 6%, 23%
HSV	0°, 11%, 24%
XYZ	3.9095, 3.8968, 4.0361
YIQ	56.0930, 4.1720, 1.4840

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>RYB</b>	61, 54, 54
Decimal	4011574
CIELab	23.33, 3.08, 1.12
CIElCh	23, 3.279, 19.970
Yxy	3.8968, 0.3301, 0.3291
Android (android.graphics.Color)	4282201654 (0xFF3D3636)
YUV	56.0930, -1.0318, 4.3034
Hunter-Lab	19.7403, 0.8059, 1.6956

# Details

The YUV color **56.0930, -1.0318, 4.3034** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **58.9070, 1.0318, -4.3034**, and the grayscale version is **56.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **103.0930, -1.0318, 4.3034**, and **12.6910, -1.3267, 5.5330** is the 20% darker color. If you saturate the color by 10%, you get **51.8870, -1.9163, 7.9921**, and if you desaturate by 10%, it is **60.2990, -0.1474, 0.6148**.

# Distribution



 Red (24%)

 Green (21%)

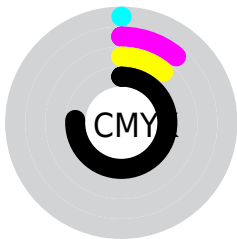
 Blue (21%)



 Red (24%)

 Yellow (21%)

 Blue (21%)



 Cyan (0%)

 Magenta (11%)

 Yellow (11%)

 Black (76%)



 Cyan (76%)

 Magenta (79%)

 Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 56.0930, -1.0318, 4.3034 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 56.0930, -1.0318, 4.3034 by changing the saturation by 10% instead.



■ 56.0930, -1.0318,  
4.3034

■ 56.0930, -1.0318,  
4.3034

255.0000, 0.0000,  
0.0000

■ 34.7940, -0.8844,  
3.6887

■ 103.0930, -1.0318,  
4.3034

■ 12.6910, -1.3267,  
5.5330

■ 128.3920, -1.1793,  
4.9182

■ 0.0000, 0.0000,  
0.0000

■ 153.6910, -1.3267,  
5.5330

■ 180.6910, -1.3267,  
5.5330

■ 208.6910, -1.3267,  
5.5330

■ 236.6910, -1.3267,

5.5330

■ 56.0930, -1.0318,  
4.3034

■ 56.0930, -1.0318,  
4.3034

■ 51.8870, -1.9163,  
7.9921

■ 60.2990, -0.1474,  
0.6148

■ 47.6810, -2.8007,  
11.6808

■ 64.5050, 0.7370,  
-3.0739

■ 43.4750, -3.6852,  
15.3694

■ 68.7110, 1.6215,  
-6.7625

■ 39.2690, -4.5696,  
19.0581

■ 72.9170, 2.5059,  
-10.4512

■ 35.0630, -5.4541,  
22.7467

■ 77.8240, 3.5378,  
-14.7546

■ 30.1560, -6.4859,  
27.0502

■ 82.0300, 4.4222,  
-18.4433

■ 25.9500, -7.3704,  
30.7388

■ 86.2360, 5.3067,  
-22.1320

■ 21.7440, -8.2548,  
34.4275

■ 90.4420, 6.1911,  
-25.8206

■ 18.2390, -8.9918,  
37.5014

■ 94.6480, 7.0755,  
-29.5093

# Harmonies

## Analogous

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



56.0220, -0.0108, 3.4887



56.0930, -1.0318, 4.3034



55.5660, -1.7580, 3.8886

# Triad

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



56.0930, -1.0318, 4.3034



55.2340, -1.5944, -1.9592



55.2600, 2.3368, -2.8590

# Complementary

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



56.0930, -1.0318, 4.3034



58.9070, 1.0318, -4.3034

# 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.



55.1350, 1.9054, -4.5034



56.0930, -1.0318, 4.3034



54.9780, 0.0108, -3.4887

# Square

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



56.0930, -1.0318, 4.3034



55.4300, -2.1840, 0.4999



54.9070, 1.0318, -4.3034



55.5700, 2.1840, -0.4999



# Rectangle

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



56.0930, -1.0318, 4.3034



55.7400, -2.3368, 2.8590



54.9070, 1.0318, -4.3034



54.9610, 2.4842, -3.4738

# Sweetspot

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



56.0930, -1.0318, 4.3034



77.5980, -0.2948, 1.2296



56.8910, 2.0257, 3.6036



39.5980, -0.2948, 1.2296



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000



# Same Dimension

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



56.0930, -1.0318, 4.3034



71.2890, -1.6215, 6.7625



58.4410, -2.1894, 2.2442



28.8970, -0.4422, 1.8443



28.1060, -13.8563, 57.7890



66.3780, -32.7244, 136.4805



# Inverse Universe

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



58.9070, 1.0318, -4.3034



75.7110, 1.6215, -6.7625



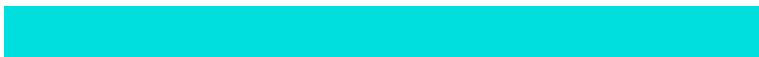
57.1460, 1.9000, -2.7590



30.1030, 0.4422, -1.8443



65.8940, 13.8563, -57.7890

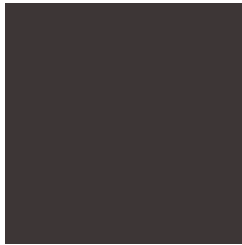


155.6220, 32.7244, -136.4805



# Previews

## White Background



This preview shows how the YUV color 56.0930, -1.0318, 4.3034 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

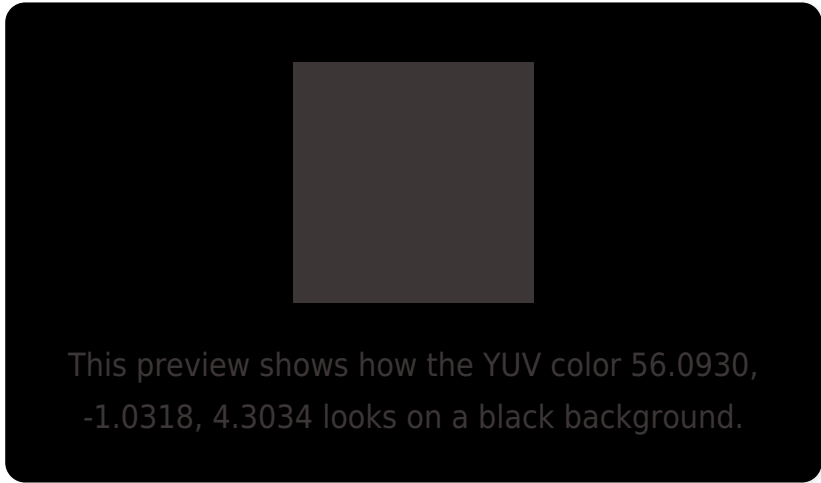
Any Text WCAG AA ✓ Pass

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

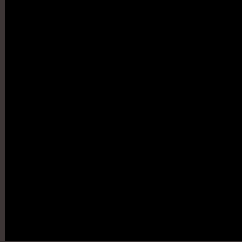
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

**YUV 56.0930, -1.0318, 4.3034**

## **Background**



This preview shows how black text looks on a background with the YUV color 56.0930, -1.0318, 4.3034.



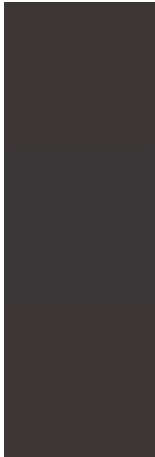
This preview shows how white text looks on a background with the YUV color 56.0930, -1.0318,



# 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

56.0930, -1.0318, 4.3034

### Protanopia

55.5980, -0.2948, 1.2296

### Deuteranopia

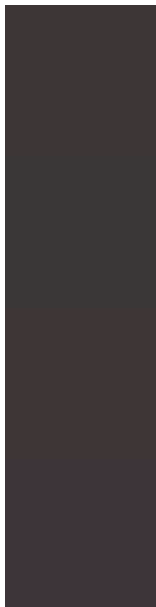
56.3920, -1.1793, 4.9182



## Tritanopia

55.9620, 1.0047, 4.4183

# Trichromacy



## Original Color

56.0930, -1.0318, 4.3034

## Protanomaly

55.8970, -0.4422, 1.8443

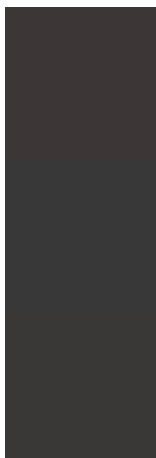
## Deuteranomaly

56.3920, -1.1793, 4.9182

## Tritanomaly

55.8480, 0.5679, 4.5183

# Monochromacy



## Original Color

56.0930, -1.0318, 4.3034

## Achromatopsia

56.0000, 0.0000, 0.0000

## Achromatomaly

55.8970, -0.4422, 1.8443

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 56.0930, -1.0318, 4.3034 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(61, 54, 54)` looks like.

```
.text, #text, p{  
    color:rgb(61, 54, 54)  
}
```

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(61, 54, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 54, 54) }
```

## Border

The CSS property to change the border of an element to YUV 56.0930, -1.0318, 4.3034 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(61, 54, 54) }
```



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

```
.border{ border-color:rgb(61, 54, 54) }
```

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

Here you see how a box with a 4 pixel rgb(61, 54, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 54, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 54, 54);  
box-shadow:4px 4px 4px 4px rgb(61, 54, 54)  
}
```

# Background

The CSS property to change the background color of an element to YUV 56.0930, -1.0318, 4.3034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 54, 54) }
```

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

```
.background{ background-color: rgb(61, 54,  
54) }
```

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