

Converting Colors

YUV(53.3030, 3.7946, -3.7737)

Have a look what the booklet for
YUV(53.3030, 3.7946, -3.7737)
contains.

YUV(53.3030, 3.7946, -3.7737)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(53.3030, 3.7946,
-3.7737)**

Conversions

Conversions Part 1

Format	Color
Hex	31363D
RGB	49, 54, 61
RGB Percent	19%, 21%, 24%
CMY	0.8078, 0.7882, 0.7608
CMYK	0.20, 0.11, 0.00, 0.76
HSL	215°, 11%, 22%
HSV	215°, 20%, 24%
XYZ	3.4281, 3.6282, 4.9345
YIQ	53.3030, -5.2270, 1.1170

Conversions

Conversions Part 2

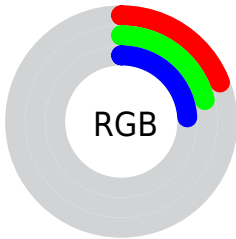
Format	Color
R_{YB}	49, 53, 61
Decimal	3225149
CIE Lab	22.40, -0.33, -5.10
CIE LCh	22, 5.106, 266.323
Yxy	3.6282, 0.2859, 0.3026
Android (android.graphics.Color)	4281415229 (0xFF31363D)
YUV	53.3030, 3.7946, -3.7737
Hunter-Lab	19.0479, -1.2088, -2.0260

Details

The YUV color **53.3030, 3.7946, -3.7737** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **56.6970, -3.7946, 3.7737**, and the grayscale version is **53.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **100.0040, 3.9420, -4.3885**, and **8.6340, 5.1104, -5.8180** is the 20% darker color. If you saturate the color by 10%, you get **49.1610, 5.8366, -5.4032**, and if you desaturate by 10%, it is **57.4450, 1.7526, -2.1443**.

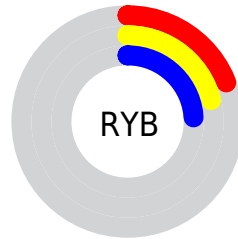
Distribution



Red (19%)

Green (21%)

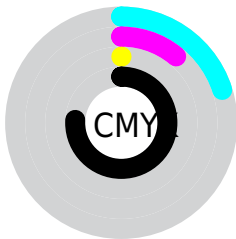
Blue (24%)



Red (19%)

Yellow (21%)

Blue (24%)

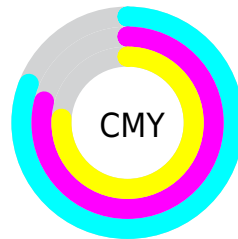


Cyan (20%)

Magenta (11%)

Yellow (0%)

Black (76%)



Cyan (81%)

Magenta (79%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 53.3030, 3.7946, -3.7737 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 53.3030, 3.7946, -3.7737 by changing the saturation by 10% instead.

■ 53.3030, 3.7946,
-3.7737

■ 53.3030, 3.7946,
-3.7737

■ 255.0000, 0.0000,
0.0000

■ 32.1890, 3.3578,
-3.6738

■ 100.0040, 3.9420,
-4.3885

■ 8.6340, 5.1104,
-5.8180

■ 125.1180, 4.3788,
-4.4885

■ 0.0000, 0.0000,
0.0000

■ 150.5310, 4.6682,
-3.9737

■ 177.2320, 4.8156,
-4.5885

■ 205.1180, 4.3788,
-4.4885

■ 233.2320, 4.8156,

-4.5885

■ 53.3030, 3.7946,
-3.7737

■ 53.3030, 3.7946,
-3.7737

■ 49.1610, 5.8366,
-5.4032

■ 57.4450, 1.7526,
-2.1443

■ 45.6060, 7.5892,
-7.5475

■ 61.0000, 0.0000,
0.0000

■ 41.4640, 9.6312,
-9.1769

■ 65.1420, -2.0420,
1.6295

■ 37.9090, 11.3839,
-11.3212

■ 68.6970, -3.7946,
3.7737

■ 33.7670, 13.4259,
-12.9507

■ 73.1380, -5.9840,
6.0180

■ 29.9130, 15.3259,
-15.7097

■ 76.6930, -7.7366,
8.1622

■ 25.7710, 17.3679,
-17.3392

■ 80.8350, -9.7787,
9.7917

■ 22.2160, 19.1205,
-19.4834

■ 84.3900, -11.5313,
11.9360

■ 21.6290, 19.4099,
-18.9686

■ 88.5320, -13.5733,
13.5654

Harmonies

Analogous

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



52.5800, 3.6581, -6.6477



53.3030, 3.7946, -3.7737



54.0970, 2.9102, -0.0851

Triad

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



53.3030, 3.7946, -3.7737



54.1750, -2.0583, 6.8625



52.5220, -1.7363, -3.0888

Complementary

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



53.3030, 3.7946, -3.7737



56.6970, -3.7946, 3.7737

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.



52.9030, -2.9102, 0.0851



53.3030, 3.7946, -3.7737



53.8220, -3.3632, 5.4181

Square

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



53.3030, 3.7946, -3.7737



54.3320, -0.1637, 5.8478



53.3980, -3.6472, 3.1590



52.3690, 0.3111, -6.4626

Rectangle

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



53.3030, 3.7946, -3.7737



54.2930, 2.3206, 2.3740



53.3980, -3.6472, 3.1590



52.7070, -2.3206, -2.3740

Sweetspot

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



53.3030, 3.7946, -3.7737



75.7440, 1.6052, -1.5295



56.8420, -0.4151, -6.8774



38.9290, 1.0210, -0.8147



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.



53.3030, 3.7946, -3.7737



66.8620, 5.9840, -6.0180



50.6670, 5.0942, -0.5850



28.9290, 1.0210, -0.8147



33.6090, 29.7728, -29.4751



79.3120, 70.3452, -69.5566

Inverse Universe

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



53.1580, 0.4151, 6.8774



66.5930, 0.6937, 10.8809



59.3330, -5.0942, 0.5850



29.0110, -0.0054, 1.7444



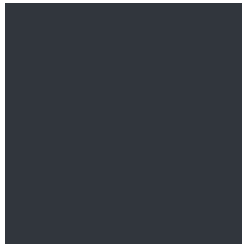
32.5520, 3.1789, 53.8899



76.8660, 7.4611, 127.2825

Previews

White Background



This preview shows how the YUV color 53.3030, 3.7946, -3.7737 looks on a white background.

Color Contrast Check

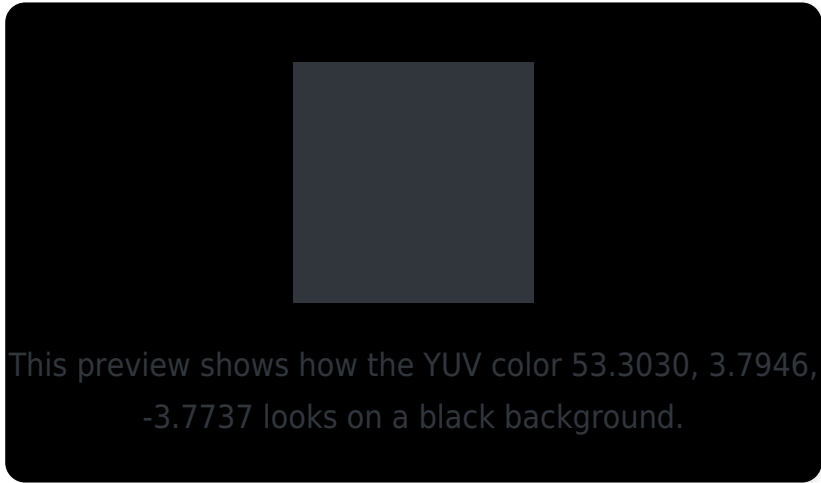
Large Text (above 18pt) WCAG AA ✓ Pass

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

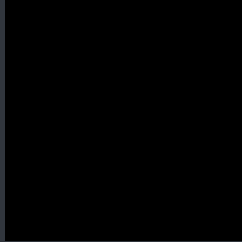
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

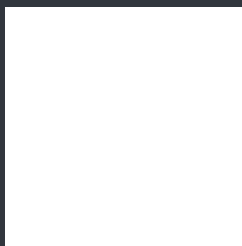
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 53.3030, 3.7946, -3.7737

Background



This preview shows how black text looks on a background with the YUV color 53.3030, 3.7946, -3.7737.



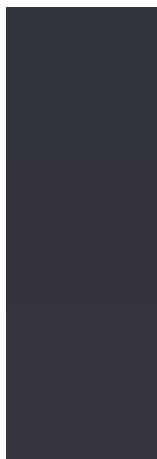
This preview shows how white text looks on a background with the YUV color 53.3030, 3.7946, -3.7737.

-3.7737.

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

53.3030, 3.7946, -3.7737

Protanopia

53.4990, 3.2050, -1.3146

Deuteranopia

53.9230, 3.4890, 0.9445



Tritanopia

53.0750, 2.9210, -3.5738

Trichromacy



Original Color

53.3030, 3.7946, -3.7737

Protanomaly

53.2000, 3.3524, -1.9294

Deuteranomaly

53.9120, 3.4944, -0.7998

Tritanomaly

53.1890, 3.3578, -3.6738

Monochromacy



Original Color

53.3030, 3.7946, -3.7737

Achromatopsia

53.0000, 0.0000, 0.0000

Achromatomaly

53.0430, 1.4578, -0.9147

CSS Examples

Text

The CSS property to change the color of the text to YUV 53.3030, 3.7946, -3.7737 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(49, 54, 61)` looks like.

```
.text, #text, p{  
    color:rgb(49, 54, 61)  
}
```

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(49, 54, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 54, 61) }
```

Border

The CSS property to change the border of an element to YUV 53.3030, 3.7946, -3.7737 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(49, 54, 61) }
```


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

```
.border{ border-color:rgb(49, 54, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 54, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 54, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 54, 61);  
box-shadow:4px 4px 4px 4px rgb(49, 54, 61)  
}
```

Background

The CSS property to change the background color of an element to YUV 53.3030, 3.7946, -3.7737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 54, 61) }
```

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

```
.background{ background-color: rgb(49, 54,  
61) }
```

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