

Converting Colors

YUV(53.8130, 6.9942, -3.3440)

Have a look what the booklet for
YUV(53.8130, 6.9942, -3.3440)
contains.

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Color

**YUV(53.8130, 6.9942,
-3.3440)**

Conversions

Conversions Part 1

Format	Color
Hex	323544
RGB	50, 53, 68
RGB Percent	20%, 21%, 27%
CMY	0.8039, 0.7922, 0.7333
CMYK	0.26, 0.22, 0.00, 0.73
HSL	230°, 15%, 23%
HSV	230°, 26%, 27%
XYZ	3.6319, 3.6417, 5.9803
YIQ	53.8130, -6.6030, 4.0290

Conversions

Conversions Part 2

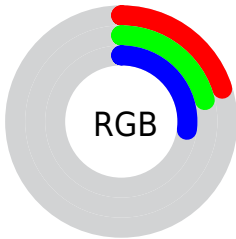
Format	Color
R _Y B	50, 53, 68
Decimal	3290436
CIE Lab	22.45, 2.68, -9.73
CIE LCh	22, 10.094, 285.392
Yxy	3.6417, 0.2740, 0.2748
Android (android.graphics.Color)	4281480516 (0xFF323544)
YUV	53.8130, 6.9942, -3.3440
Hunter-Lab	19.0832, 0.5764, -5.2222

Details

The YUV color **53.8130, 6.9942, -3.3440** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **64.1870, -6.9942, 3.3440**, and the grayscale version is **54.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **100.3400, 7.7204, -2.9292**, and **9.0410, 7.8678, -3.5440** is the 20% darker color. If you saturate the color by 10%, you get **48.1980, 9.7624, -4.5586**, and if you desaturate by 10%, it is **59.4280, 4.2260, -2.1294**.

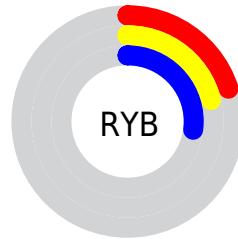
Distribution



Red (20%)

Green (21%)

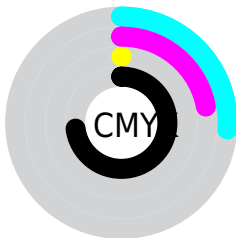
Blue (27%)



Red (20%)

Yellow (21%)

Blue (27%)

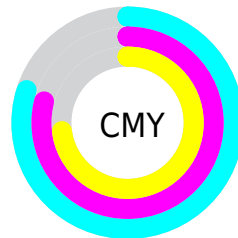


Cyan (26%)

Magenta (22%)

Yellow (0%)

Black (73%)



Cyan (80%)

Magenta (79%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 53.8130, 6.9942, -3.3440 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 53.8130, 6.9942, -3.3440 by changing the saturation by 10% instead.

■ 53.8130, 6.9942,
-3.3440

■ 53.8130, 6.9942,
-3.3440

■ 255.0000, 0.0000,
0.0000

■ 32.6990, 6.5574,
-3.2440

■ 100.3400, 7.7204,
-2.9292

■ 9.0410, 7.8678,
-3.5440

■ 125.4540, 8.1572,
-3.0292

■ 0.0000, 0.0000,
0.0000

■ 151.1550, 8.3046,
-3.6439

■ 178.1550, 8.3046,
-3.6439

■ 205.2690, 8.7414,
-3.7439

■ 233.6820, 9.0308,

-3.2291

■ 53.8130, 6.9942,
-3.3440

■ 53.8130, 6.9942,
-3.3440

■ 48.1980, 9.7624,
-4.5586

■ 59.4280, 4.2260,
-2.1294

■ 43.1700, 12.2412,
-6.2881

■ 64.4560, 1.7472,
-0.3999

■ 37.8540, 14.8620,
-6.8880

■ 69.7720, -0.8736,
0.2000

■ 32.2390, 17.6302,
-8.1026

■ 75.3870, -3.6418,
1.4146

■ 27.2110, 20.1090,
-9.8320

■ 80.4150, -6.1206,
3.1440

■ 21.5960, 22.8772,
-11.0467

■ 86.0300, -8.8888,
4.3587

■ 15.9810, 25.6454,
-12.2613

■ 91.6450, -11.6570,
5.5733

■ 14.2090, 26.5190,
-12.4613

■ 96.3740, -13.9884,
6.6880

■ 101.9890,
-16.7566, 7.9026

Harmonies

Analogous

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



51.9970, 7.8895, -10.5214



53.8130, 6.9942, -3.3440



54.5860, 4.6411, 4.7481

Triad

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



53.8130, 6.9942, -3.3440



54.5840, -5.7109, 11.7658



51.4070, -0.6937, -10.8809

Complementary

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



53.8130, 6.9942, -3.3440



64.1870, -6.9942, 3.3440

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.



51.8270, -4.3517, -4.2333



53.8130, 6.9942, -3.3440



53.8070, -7.2999, 8.0623

Square

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



53.8130, 6.9942, -3.3440



54.5070, -2.2220, 12.7104



52.5890, -6.6994, 2.1144



50.4110, 3.2484, -15.2694

Rectangle

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



53.8130, 6.9942, -3.3440



55.0380, 2.4463, 8.7367



52.5890, -6.6994, 2.1144



51.0760, -2.0095, -8.8367

Sweetspot

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



53.8130, 6.9942, -3.3440



83.3850, 2.7682, -1.2146



62.2760, 1.3429, -10.7661



42.1570, 1.8946, -1.0147



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



53.8130, 6.9942, -3.3440



66.5400, 11.0728, -4.8586



53.8460, 6.9779, 1.8891



30.3420, 1.3104, -0.2999



20.4500, 37.7391, -17.9346



47.2550, 87.1353, -41.4426

Inverse Universe

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



55.7240, -1.3429, 10.7661



69.8280, -2.3802, 16.8138



64.1540, -6.9779, -1.8891



30.8970, -0.4422, 1.8443



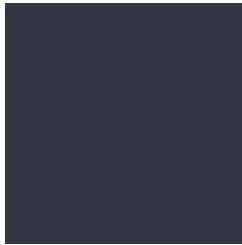
30.8270, -7.3097, 58.0337



71.1940, -16.8576, 134.0109

Previews

White Background



This preview shows how the YUV color 53.8130, 6.9942, -3.3440 looks on a white background.

Color Contrast Check

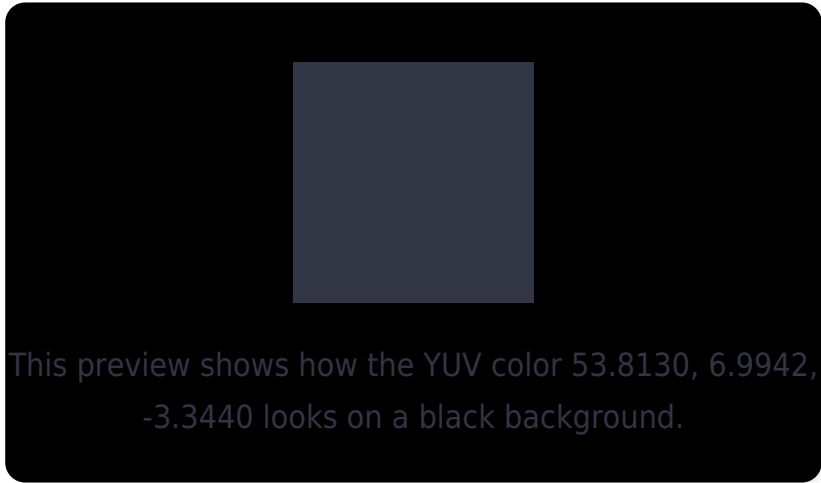
Large Text (above 18pt) WCAG AA ✓ Pass

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

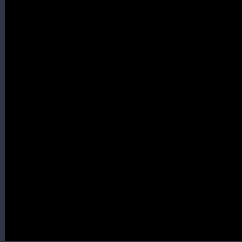
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

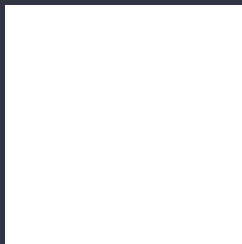
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 53.8130, 6.9942, -3.3440

Background



This preview shows how black text looks on a background with the YUV color 53.8130, 6.9942, -3.3440.



This preview shows how white text looks on a background with the YUV color 53.8130, 6.9942, -3.3440.

-3.3440.

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

53.8130, 6.9942, -3.3440

Protanopia

53.8130, 6.9942, -3.3440

Deuteranopia

54.1120, 6.8468, -2.7292



Tritanopia

53.3630, 2.7790, -4.7034

Trichromacy



Original Color

53.8130, 6.9942, -3.3440

Protanomaly

53.8130, 6.9942, -3.3440

Deuteranomaly

54.1120, 6.8468, -2.7292

Tritanomaly

53.4170, 4.2314, -3.8737

Monochromacy



Original Color

53.8130, 6.9942, -3.3440

Achromatopsia

54.0000, 0.0000, 0.0000

Achromatomaly

54.2710, 2.3314, -1.1147

CSS Examples

Text

The CSS property to change the color of the text to YUV 53.8130, 6.9942, -3.3440 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(50, 53, 68)` looks like.

```
.text, #text, p{  
    color:rgb(50, 53, 68)  
}
```

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(50, 53, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 53, 68) }
```

Border

The CSS property to change the border of an element to YUV 53.8130, 6.9942, -3.3440 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(50, 53, 68) }
```


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

```
.border{ border-color:rgb(50, 53, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 53, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 53, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 53, 68);  
box-shadow:4px 4px 4px 4px rgb(50, 53, 68)  
}
```

Background

The CSS property to change the background color of an element to YUV 53.8130, 6.9942, -3.3440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 53, 68) }
```

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

```
.background{ background-color: rgb(50, 53,  
68) }
```

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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