

Converting Colors

YUV(54.3290, 7.7258, -4.6735)

Have a look what the booklet for
YUV(54.3290, 7.7258, -4.6735)
contains.

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Color

**YUV(54.3290, 7.7258,
-4.6735)**

Conversions

Conversions Part 1

Format	Color
Hex	313646
RGB	49, 54, 70
RGB Percent	19%, 21%, 27%
CMY	0.8078, 0.7882, 0.7255
CMYK	0.30, 0.23, 0.00, 0.73
HSL	226°, 18%, 23%
HSV	226°, 30%, 27%
XYZ	3.6913, 3.7335, 6.3204
YIQ	54.3290, -8.1160, 3.9160

Conversions

Conversions Part 2

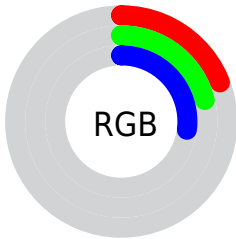
Format	Color
RYB	49, 53, 70
Decimal	3225158
CIELab	22.77, 2.21, -10.59
CIElCh	23, 10.822, 281.787
Yxy	3.7335, 0.2686, 0.2716
Android (android.graphics.Color)	4281415238 (0xFF313646)
YUV	54.3290, 7.7258, -4.6735
Hunter-Lab	19.3223, 0.2863, -5.8686

Details

The YUV color **54.3290, 7.7258, -4.6735** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **64.6710, -7.7258, 4.6735**, and the grayscale version is **54.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **101.4430, 8.1626, -4.7735**, and **9.5570, 8.5994, -4.8735** is the 20% darker color. If you saturate the color by 10%, you get **49.3010, 10.2046, -6.4030**, and if you desaturate by 10%, it is **59.3570, 5.2470, -2.9441**.

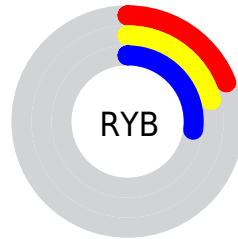
Distribution



Red (19%)

Green (21%)

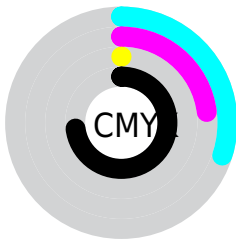
Blue (27%)



Red (19%)

Yellow (21%)

Blue (27%)

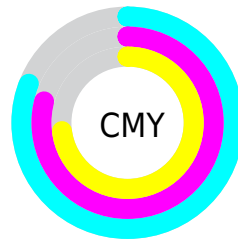


Cyan (30%)

Magenta (23%)

Yellow (0%)

Black (73%)



Cyan (81%)

Magenta (79%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 54.3290, 7.7258, -4.6735 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 54.3290, 7.7258, -4.6735 by changing the saturation by 10% instead.

■ 54.3290, 7.7258,
-4.6735

■ 54.3290, 7.7258,
-4.6735

■ 255.0000, 0.0000,
0.0000

■ 33.2150, 7.2890,
-4.5736

■ 101.4430, 8.1626,
-4.7735

■ 9.5570, 8.5994,
-4.8735

■ 125.9700, 8.8888,
-4.3587

■ 0.0000, 0.0000,
0.0000

■ 151.6710, 9.0362,
-4.9735

■ 178.7850, 9.4730,
-5.0734

■ 206.4860, 9.6204,
-5.6882

■ 234.7850, 9.4730,

-5.0734

■ 54.3290, 7.7258,
-4.6735

■ 54.3290, 7.7258,
-4.6735

■ 49.3010, 10.2046,
-6.4030

■ 59.3570, 5.2470,
-2.9441

■ 43.6860, 12.9728,
-7.6176

■ 64.9720, 2.4788,
-1.7294

■ 38.6580, 15.4516,
-9.3471

■ 70.0000, 0.0000,
0.0000

■ 33.6300, 17.9304,
-11.0765

■ 75.0280, -2.4788,
1.7294

■ 28.0150, 20.6986,
-12.2912

■ 80.6430, -5.2470,
2.9441

■ 22.9870, 23.1774,
-14.0206

■ 85.6710, -7.7258,
4.6735

■ 17.9590, 25.6562,
-15.7500

■ 90.6990, -10.2046,
6.4030

■ 96.3140, -12.9728,
7.6176

■ 101.3420,
-15.4516, 9.3471

Harmonies

Analogous

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



52.6870, 8.0423, -12.8805



54.3290, 7.7258, -4.6735



55.4010, 5.2253, 4.0333

Triad

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



54.3290, 7.7258, -4.6735



55.2960, -5.5689, 12.8954



51.8800, -1.4198, -11.2958

Complementary

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



54.3290, 7.7258, -4.6735



64.6710, -7.7258, 4.6735

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.



52.5990, -5.2253, -4.0333



54.3290, 7.7258, -4.6735



54.4050, -7.5947, 9.2918

Square

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



54.3290, 7.7258, -4.6735



55.8060, -2.3694, 13.3251



53.7740, -7.2836, 2.8292



50.6990, 3.1064, -16.3990

Rectangle

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



54.3290, 7.7258, -4.6735



55.8530, 3.0305, 8.0219



53.7740, -7.2836, 2.8292



51.9620, -2.4463, -8.7367

Sweetspot

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



54.3290, 7.7258, -4.6735



86.0860, 2.9156, -1.8294



63.1510, 0.9116, -12.4104



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.



54.3290, 7.7258, -4.6735



67.4580, 12.0992, -7.4177



52.8890, 8.4357, 0.9743



33.0430, 1.4578, -0.9147



25.3740, 36.2976, -22.2530



57.5760, 83.5260, -50.4942

Inverse Universe

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



55.8490, -0.9116, 12.4104



69.7790, -1.3700, 19.4878



66.1110, -8.4357, -0.9743



33.3100, -0.1528, 2.3591



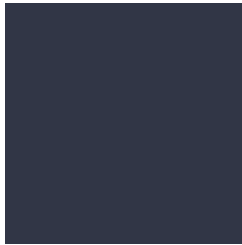
32.3370, -4.1101, 58.4635



74.0290, -9.8743, 134.1556

Previews

White Background



This preview shows how the YUV color 54.3290, 7.7258, -4.6735 looks on a white background.

Color Contrast Check

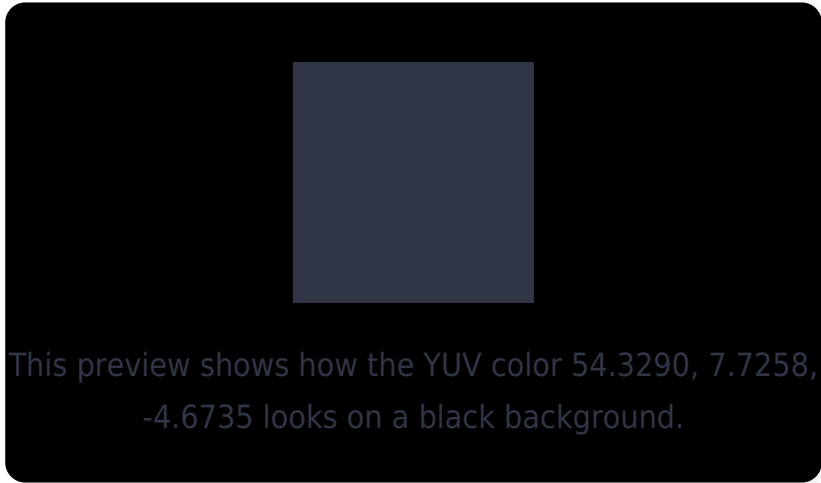
Large Text (above 18pt) WCAG AA ✓ Pass

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

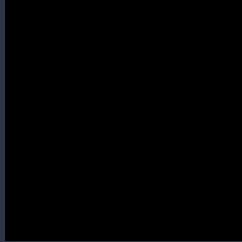
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

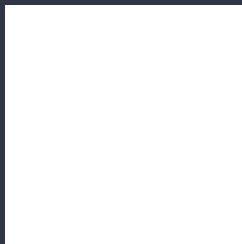
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 54.3290, 7.7258, -4.6735

Background



This preview shows how black text looks on a background with the YUV color 54.3290, 7.7258, -4.6735.



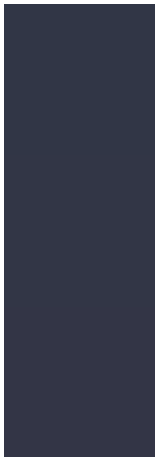
This preview shows how white text looks on a background with the YUV color 54.3290, 7.7258, -4.6735.

-4.6735.

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

54.3290, 7.7258, -4.6735

Protanopia

54.6280, 7.5784, -4.0588

Deuteranopia

54.3400, 7.7204, -2.9292



Tritanopia

53.7650, 3.0739, -5.9329

Trichromacy



Original Color

54.3290, 7.7258, -4.6735

Protanomaly

54.6280, 7.5784, -4.0588

Deuteranomaly

54.0410, 7.8678, -3.5440

Tritanomaly

53.9330, 4.9630, -5.2032

Monochromacy



Original Color

54.3290, 7.7258, -4.6735

Achromatopsia

54.0000, 0.0000, 0.0000

Achromatomaly

54.0860, 2.9156, -1.8294

CSS Examples

Text

The CSS property to change the color of the text to YUV 54.3290, 7.7258, -4.6735 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, 70)` looks like.

```
.text, #text, p{  
    color:rgb(49, 54, 70)  
}
```

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, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 54, 70) }
```

Border

The CSS property to change the border of an element to YUV 54.3290, 7.7258, -4.6735 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, 70) }
```


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

```
.border{ border-color:rgb(49, 54, 70) }
```

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, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 54, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 54, 70);  
box-shadow:4px 4px 4px 4px rgb(49, 54, 70)  
}
```

Background

The CSS property to change the background color of an element to YUV 54.3290, 7.7258, -4.6735 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, 70) }
```

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

```
.background{ background-color: rgb(49, 54,  
70) }
```

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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