

Converting Colors

YUV(73.5140, 7.1416, -3.9588)

Have a look what the booklet for
YUV(73.5140, 7.1416, -3.9588)
contains.

YUV(73.5140, 7.1416, -3.9588)	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(73.5140, 7.1416,
-3.9588)**

Conversions

Conversions Part 1

Format	Color
Hex	454958
RGB	69, 73, 88
RGB Percent	27%, 29%, 35%
CMY	0.7294, 0.7137, 0.6549
CMYK	0.22, 0.17, 0.00, 0.65
HSL	227°, 12%, 31%
HSV	227°, 22%, 35%
XYZ	6.5982, 6.7349, 10.1847
YIQ	73.5140, -7.1990, 3.8170

Conversions

Conversions Part 2

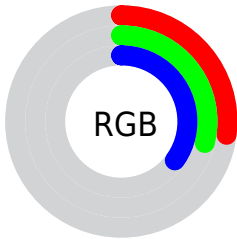
Format	Color
RYB	69, 72, 88
Decimal	4540760
CIELab	31.20, 2.07, -9.42
CIELCh	31, 9.640, 282.371
Yxy	6.7349, 0.2806, 0.2864
Android (android.graphics.Color)	4282730840 (0xFF454958)
YUV	73.5140, 7.1416, -3.9588
Hunter-Lab	25.9516, -0.0315, -5.1022

Details

The YUV color **73.5140, 7.1416, -3.9588** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **83.4860, -7.1416, 3.9588**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **121.7420, 8.0152, -4.1587**, and **29.9870, 6.4154, -4.3736** is the 20% darker color. If you saturate the color by 10%, you get **66.7140, 10.4940, -5.8882**, and if you desaturate by 10%, it is **80.3140, 3.7892, -2.0294**.

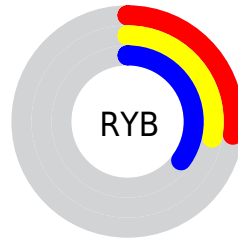
Distribution



Red (27%)

Green (29%)

Blue (35%)



Red (27%)

Yellow (28%)

Blue (35%)

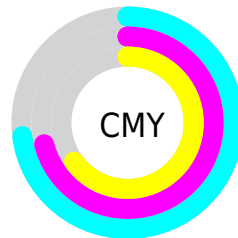


Cyan (22%)

Magenta (17%)

Yellow (0%)

Black (65%)



Cyan (73%)

Magenta (71%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 73.5140, 7.1416, -3.9588 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 73.5140, 7.1416, -3.9588 by changing the saturation by 10% instead.

■ 73.5140, 7.1416,
-3.9588

■ 73.5140, 7.1416,
-3.9588

255.0000, 0.0000,
0.0000

■ 51.1010, 6.8522,
-4.4736

■ 121.7420, 8.0152,
-4.1587

■ 29.9870, 6.4154,
-4.3736

■ 147.7420, 8.0152,
-4.1587

■ 4.9700, 8.8888,
-4.3587

■ 174.7420, 8.0152,
-4.1587

■ 0.0000, 0.0000,
0.0000

■ 201.8560, 8.4520,
-4.2587

■ 229.9700, 8.8888,
-4.3587

254.7010, 0.1474,

-0.6148

■ 73.5140, 7.1416,
-3.9588

■ 73.5140, 7.1416,
-3.9588

■ 66.7140, 10.4940,
-5.8882

■ 80.3140, 3.7892,
-2.0294

■ 59.9140, 13.8464,
-7.8176

■ 87.1140, 0.4368,
-0.1000

■ 53.4130, 17.0514,
-9.1322

■ 93.6150, -2.7682,
1.2146

■ 46.6130, 20.4038,
-11.0616

■ 100.4150, -6.1206,
3.1440

■ 39.8130, 23.7562,
-12.9910

■ 107.2150, -9.4730,
5.0734

■ 33.0130, 27.1086,
-14.9204

■ 114.0150,
-12.8254, 7.0028

■ 26.2130, 30.4610,
-16.8498

■ 120.8150,
-16.1778, 8.9322

■ 21.1850, 32.9398,
-18.5792

■ 127.3160,
-19.3828, 10.2469

■ 134.1160,
-22.7352, 12.1763

Harmonies

Analogous

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



71.9970, 7.8895, -10.5214



73.5140, 7.1416, -3.9588



74.4010, 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.



73.5140, 7.1416, -3.9588



74.1110, -4.9847, 12.1807



70.7060, -0.8411, -10.2662

Complementary

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



73.5140, 7.1416, -3.9588



83.4860, -7.1416, 3.9588

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.



71.7130, -4.7885, -4.1333



73.5140, 7.1416, -3.9588



73.2200, -7.0105, 8.5771

Square

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



73.5140, 7.1416, -3.9588



74.5070, -2.2220, 12.7104



72.8880, -6.8468, 2.7292



70.5960, 2.6642, -14.5547

Rectangle

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



73.5140, 7.1416, -3.9588



74.8530, 3.0305, 8.0219



72.8880, -6.8468, 2.7292



71.2610, -2.5937, -8.1219

Sweetspot

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



73.5140, 7.1416, -3.9588



109.3850, 2.7682, -1.2146



81.8630, 1.0535, -11.2809



55.4560, 1.7472, -0.3999



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



73.5140, 7.1416, -3.9588



91.9420, 11.3676, -6.0881



72.6610, 7.5621, 1.1743



40.0430, 1.4578, -0.9147



25.6990, 40.0814, -22.5380



55.5530, 88.4674, -48.7200

Inverse Universe

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



75.1370, -1.0535, 11.2809



94.6540, -1.8014, 17.8434



84.3390, -7.5621, -1.1743



40.3100, -0.1528, 2.3591



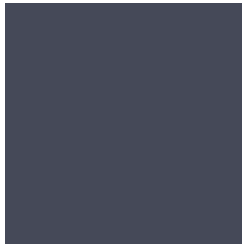
34.6150, -5.7262, 63.4816



75.8510, -13.2375, 139.5737

Previews

White Background



This preview shows how the YUV color 73.5140, 7.1416, -3.9588 looks on a white background.

Color Contrast Check

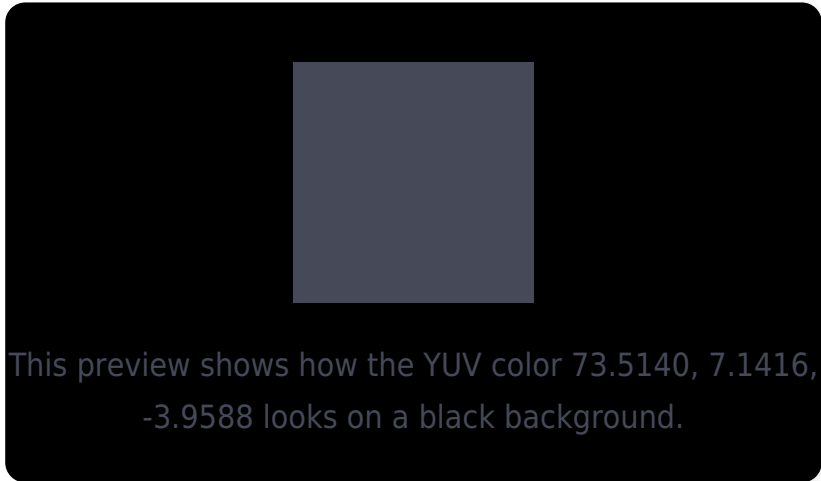
Large Text (above 18pt) WCAG AA ✓ Pass

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

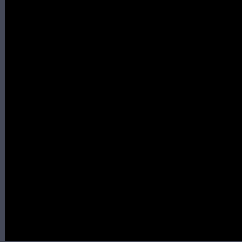
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

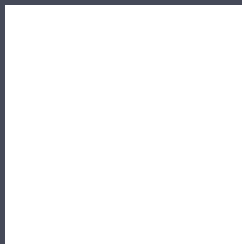
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 73.5140, 7.1416, -3.9588

Background



This preview shows how black text looks on a background with the YUV color 73.5140, 7.1416, -3.9588.



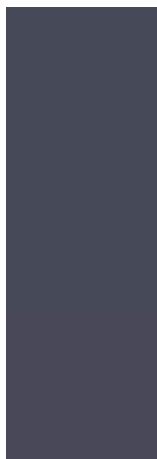
This preview shows how white text looks on a background with the YUV color 73.5140, 7.1416, -3.9588.

-3.9588.

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

73.5140, 7.1416, -3.9588

Protanopia

73.8130, 6.9942, -3.3440

Deuteranopia

74.1230, 6.8414, -0.9849



Tritanopia

72.8900, 3.5052, -4.2885

Trichromacy



Original Color

73.5140, 7.1416, -3.9588

Protanomaly

73.8130, 6.9942, -3.3440

Deuteranomaly

73.8240, 6.9888, -1.5996

Tritanomaly

73.2320, 4.8156, -4.5885

Monochromacy



Original Color

73.5140, 7.1416, -3.9588

Achromatopsia

74.0000, 0.0000, 0.0000

Achromatomaly

73.9720, 2.4788, -1.7294

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.5140, 7.1416, -3.9588 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(69, 73, 88)` looks like.

```
.text, #text, p{  
    color:rgb(69, 73, 88)  
}
```

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(69, 73, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 73, 88) }
```

Border

The CSS property to change the border of an element to YUV 73.5140, 7.1416, -3.9588 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(69, 73, 88) }
```


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

```
.border{ border-color:rgb(69, 73, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 73, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 73, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 73, 88);  
box-shadow:4px 4px 4px 4px rgb(69, 73, 88)  
}
```

Background

The CSS property to change the background color of an element to YUV 73.5140, 7.1416, -3.9588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 73, 88) }
```

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

```
.background{ background-color: rgb(69, 73,  
88) }
```

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