

Converting Colors

YUV(69.8140, 8.9657, 17.7031)

Have a look what the booklet for
YUV(69.8140, 8.9657, 17.7031)
contains.

YUV(69.8140, 8.9657, 17.7031)	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(69.8140, 8.9657,
17.7031)**

Conversions

Conversions Part 1

Format	Color
Hex	5A3858
RGB	90, 56, 88
RGB Percent	35%, 22%, 35%
CMY	0.6471, 0.7804, 0.6549
CMYK	0.00, 0.38, 0.02, 0.65
HSL	304°, 23%, 29%
HSV	304°, 38%, 35%
XYZ	7.3921, 5.7066, 9.9444
YIQ	69.8140, 9.9920, 17.1600

Conversions

Conversions Part 2

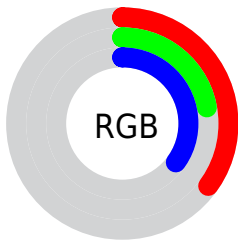
Format	Color
R_{YB}	90, 56, 88
Decimal	5912664
CIE _{Lab}	28.66, 20.93, -13.07
CIE _{LCh}	29, 24.671, 328.016
Yxy	5.7066, 0.3208, 0.2476
Android (android.graphics.Color)	4284102744 (0xFF5A3858)
YUV	69.8140, 8.9657, 17.7031
Hunter-Lab	23.8885, 13.4304, -7.9596

Details

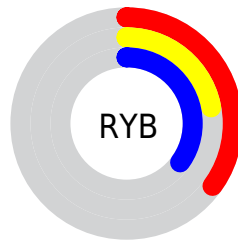
The YUV color **69.8140, 8.9657, 17.7031** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **76.1860, -8.9657, -17.7031**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.9390, 9.3971, 19.3475**, and **24.6890, 8.5343, 16.0587** is the 20% darker color. If you saturate the color by 10%, you get **64.4170, 11.1334, 22.4363**, and if you desaturate by 10%, it is **75.2110, 6.7980, 12.9700**.

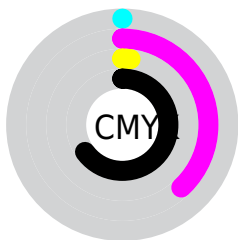
Distribution



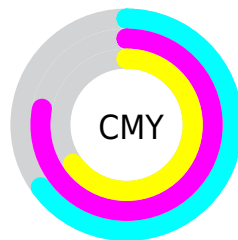
- Red (35%)
- Green (22%)
- Blue (35%)



- Red (35%)
- Yellow (22%)
- Blue (35%)



- Cyan (0%)
- Magenta (38%)
- Yellow (2%)
- Black (65%)



- Cyan (65%)
- Magenta (78%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 69.8140, 8.9657, 17.7031 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 69.8140, 8.9657, 17.7031 by changing the saturation by 10% instead.

69.8140, 8.9657,
17.7031

69.8140, 8.9657,
17.7031

255.0000, 0.0000,
0.0000

47.1020, 8.8237,
16.5735

118.9390, 9.3971,
19.3475

24.6890, 8.5343,
16.0587

144.3520, 9.6865,
19.8623

9.0860, 6.3666,
11.3256

171.0640, 9.8284,
20.9919

0.0000, 0.0000,
0.0000

198.4770, 10.1178,
21.5067

226.8900, 10.4072,
22.0215

245.0210, 4.9196,

8.7516

■ 69.8140, 8.9657,
17.7031

■ 69.8140, 8.9657,
17.7031

■ 64.4170, 11.1334,
22.4363

■ 75.2110, 6.7980,
12.9700

■ 59.1340, 13.7379,
27.0695

■ 80.4940, 4.1935,
8.3368

■ 53.7370, 15.9057,
31.8027

■ 85.8910, 2.0257,
3.6036

■ 48.4540, 18.5102,
36.4358

■ 91.1740, -0.5788,
-1.0296

■ 43.0570, 20.6779,
41.1690

■ 96.5710, -2.7465,
-5.7628

■ 37.7740, 23.2824,
45.8022

■ 101.8540, -5.3510,
-10.3960

■ 36.6000, 23.8612,
46.8318

■ 107.2510, -7.5187,
-15.1291

■ 112.5340,
-10.1233, -19.7623

■ 117.9310,
-12.2910, -24.4955

Harmonies

Analogous

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



68.5280, 16.0087, -1.3401



69.8140, 8.9657, 17.7031



69.0020, 0.4920, 28.9392

Triad

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



69.8140, 8.9657, 17.7031



65.9680, -18.2252, 12.3061



54.8890, 14.8447, -48.1377

Complementary

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



69.8140, 8.9657, 17.7031



76.1860, -8.9657, -17.7031

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.



52.7230, 6.5456, -46.2381



69.8140, 8.9657, 17.7031



64.2650, -15.4136, -2.8634

Square

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



69.8140, 8.9657, 17.7031



67.1420, -15.3530, 24.4315



60.7450, -6.7763, -19.9474



55.3110, 21.5387, -48.5077

Rectangle

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



69.8140, 8.9657, 17.7031



68.1180, -5.4812, 31.4685



60.7450, -6.7763, -19.9474



54.2050, 12.2239, -47.5378

Sweetspot

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



69.8140, 8.9657, 17.7031



109.3690, 3.7621, 6.6924



60.4740, 14.5563, -2.1697



54.1900, 1.8783, 4.2184



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.



69.8140, 8.9657, 17.7031



86.1340, 13.7379, 27.0695



67.8760, 1.5401, 19.4027



43.0650, 1.4470, 2.5740



44.6320, 28.7754, 57.3277



96.2850, 62.4705, 123.4071

Inverse Universe

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



69.8140, 8.9657, 17.7031



86.1340, 13.7379, 27.0695



78.1240, -1.5401, -19.4027



43.0650, 1.4470, 2.5740



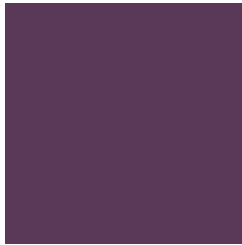
44.6320, 28.7754, 57.3277



96.2850, 62.4705, 123.4071

Previews

White Background



This preview shows how the YUV color 69.8140, 8.9657, 17.7031 looks on a white background.

Color Contrast Check

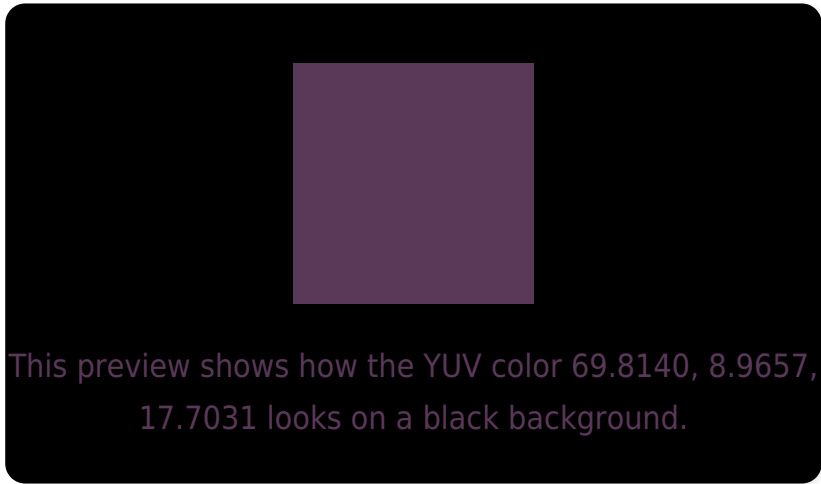
Large Text (above 18pt) WCAG AA ✓ Pass

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

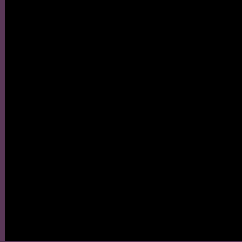
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 69.8140, 8.9657, 17.7031

Background



This preview shows how black text looks on a background with the YUV color 69.8140, 8.9657, 17.7031.



This preview shows how white text looks on a background with the YUV color 69.8140, 8.9657,

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

69.8140, 8.9657, 17.7031

Protanopia

67.9140, 13.8464, -7.8176

Deuteranopia

68.5680, 8.5940, -3.1291



Tritanopia

69.2300, -2.0854, 15.5843

Trichromacy



Original Color

69.8140, 8.9657, 17.7031

Protanomaly

68.5130, 12.0721, 1.3041

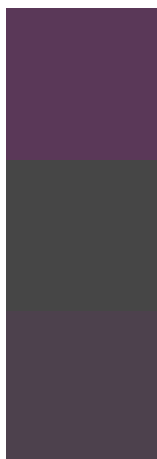
Deuteranomaly

69.0250, 8.8617, 4.3631

Tritanomaly

69.2670, 1.8404, 16.4288

Monochromacy



Original Color

69.8140, 8.9657, 17.7031

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

69.9560, 3.4727, 6.1776

CSS Examples

Text

The CSS property to change the color of the text to YUV 69.8140, 8.9657, 17.7031 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(90, 56, 88)` looks like.

```
.text, #text, p{  
    color:rgb(90, 56, 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(90, 56, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 56, 88) }
```

Border

The CSS property to change the border of an element to YUV 69.8140, 8.9657, 17.7031 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(90, 56, 88) }
```


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

```
.border{ border-color:rgb(90, 56, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 56, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 56, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 56, 88);  
box-shadow:4px 4px 4px 4px rgb(90, 56, 88)  
}
```

Background

The CSS property to change the background color of an element to YUV 69.8140, 8.9657, 17.7031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 56, 88) }
```

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

```
.background{ background-color: rgb(90, 56,  
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