

Converting Colors

YUV(72.8140, 2.0637, -8.6069)

Have a look what the booklet for
YUV(72.8140, 2.0637, -8.6069)
contains.

YUV(72.8140, 2.0637, -8.6069)	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(72.8140, 2.0637,
-8.6069)**

Conversions

Conversions Part 1

Format	Color
Hex	3F4D4D
RGB	63, 77, 77
RGB Percent	25%, 30%, 30%
CMY	0.7529, 0.6980, 0.6980
CMYK	0.18, 0.00, 0.00, 0.70
HSL	180°, 10%, 27%
HSV	180°, 18%, 30%
XYZ	6.0433, 6.9003, 8.0346
YIQ	72.8140, -8.3440, -2.9680

Conversions

Conversions Part 2

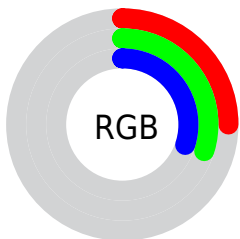
Format	Color
RYB	63, 70, 77
Decimal	4148557
CIELab	31.58, -5.52, -1.85
CIElCh	32, 5.821, 198.582
Yxy	6.9003, 0.2881, 0.3289
Android (android.graphics.Color)	4282338637 (0xFF3F4D4D)
YUV	72.8140, 2.0637, -8.6069
Hunter-Lab	26.2685, -4.9041, 0.2533

Details


The YUV color **72.8140, 2.0637, -8.6069** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **67.1860, -2.0637, 8.6069**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **121.5150, 2.2111, -9.2217**, and **29.1130, 1.9163, -7.9921** is the 20% darker color. If you saturate the color by 10%, you get **70.4220, 3.2430, -13.5251**, and if you desaturate by 10%, it is **75.2060, 0.8844, -3.6887**.

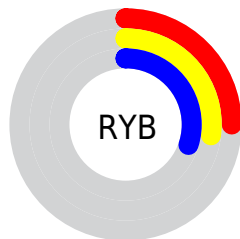
Distribution



 Red (25%)

 Green (30%)

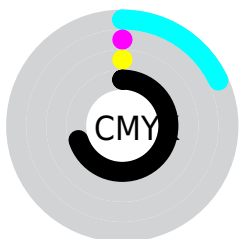
 Blue (30%)




 Red (25%)

 Yellow (27%)

 Blue (30%)

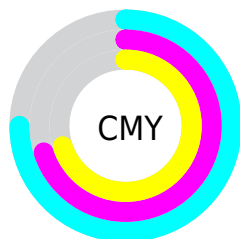



 Cyan (18%)


 Magenta (0%)

 Yellow (0%)

 Black (70%)



 Cyan (75%)

 Magenta (70%)

 Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.8140, 2.0637, -8.6069 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 72.8140, 2.0637, -8.6069 by changing the saturation by 10% instead.

■ 72.8140, 2.0637,
-8.6069

■ 72.8140, 2.0637,
-8.6069

■ 255.0000, 0.0000,
0.0000

■ 50.1130, 1.9163,
-7.9921

■ 121.5150, 2.2111,
-9.2217

■ 29.1130, 1.9163,
-7.9921

■ 147.2160, 2.3585,
-9.8364

■ 7.0100, 1.4741,
-6.1478

■ 174.1020, 1.9217,
-9.7365

■ 0.0000, 0.0000,
0.0000

■ 201.2160, 2.3585,
-9.8364

■ 229.2160, 2.3585,
-9.8364

■ 252.3090, 1.3267,

-5.5330

■ 72.8140, 2.0637,
-8.6069

■ 72.8140, 2.0637,
-8.6069

■ 70.4220, 3.2430,
-13.5251

■ 75.2060, 0.8844,
-3.6887

■ 68.3290, 4.2748,
-17.8285

■ 77.2990, -0.1474,
0.6148

■ 65.9370, 5.4541,
-22.7467

■ 79.6910, -1.3267,
5.5330

■ 63.5450, 6.6333,
-27.6650

■ 82.0830, -2.5059,
10.4512

■ 61.4520, 7.6652,
-31.9684

■ 84.4750, -3.6852,
15.3694

■ 59.0600, 8.8444,
-36.8866

■ 86.5680, -4.7170,
19.6729

■ 56.6680, 10.0237,
-41.8048

■ 88.9600, -5.8963,
24.5911

■ 54.2760, 11.2029,
-46.7231

■ 91.3520, -7.0755,
29.5093

■ 53.9770, 11.3503,
-47.3378

■ 93.4450, -8.1074,
33.8127

Harmonies

Analogous

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



72.8420, -0.4151, -6.8774



72.8140, 2.0637, -8.6069



72.9820, 3.9529, -7.8772

Triad

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



72.8140, 2.0637, -8.6069



75.0050, 2.4625, 3.5036



74.1810, -4.5262, 5.1033

Complementary

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



72.8140, 2.0637, -8.6069



67.1860, -2.0637, 8.6069

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.



74.8330, -3.3687, 7.1625



72.8140, 2.0637, -8.6069



75.1580, 0.4151, 6.8774

Square

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



72.8140, 2.0637, -8.6069



74.7270, 4.0786, -1.5146



75.0010, -1.4795, 7.8921



73.9740, -3.9312, 0.8998

Rectangle

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



72.8140, 2.0637, -8.6069



73.8080, 4.5317, -6.8476



75.0010, -1.4795, 7.8921



74.5940, -4.2368, 5.6181

Sweetspot

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



72.8140, 2.0637, -8.6069



97.5050, 0.7370, -3.0739



71.2180, -4.0515, -7.2072



50.1030, 0.4422, -1.8443



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



72.8140, 2.0637, -8.6069



92.7210, 3.0955, -12.9103



68.7050, 4.0894, -5.0033



36.8040, 0.5896, -2.4591



71.5020, 15.0355, -62.7073



161.2300, 33.9036, -141.3987

Inverse Universe

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



68.7820, 4.0515, 7.2072



86.6730, 6.0772, 10.8108



71.2950, -4.0894, 5.0033



35.6520, 1.1576, 2.0592



42.1260, 29.5179, 52.5095



94.9900, 66.5599, 118.4038

Previews

White Background



This preview shows how the YUV color 72.8140, 2.0637, -8.6069 looks on a white background.

Color Contrast Check

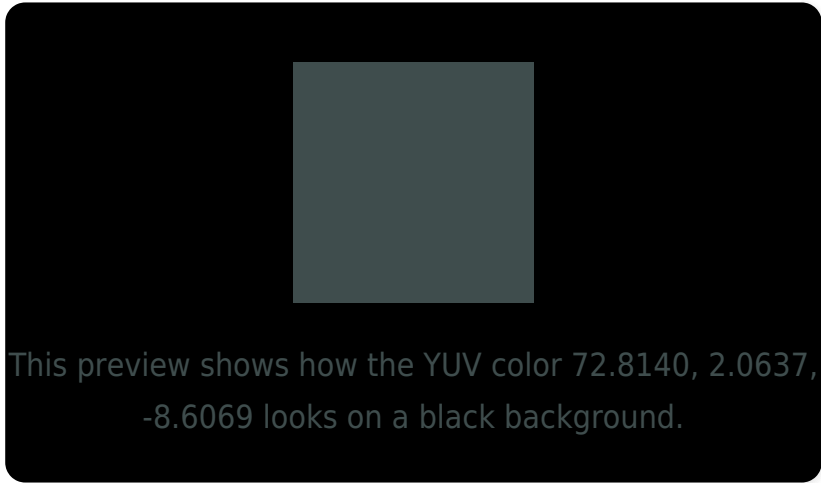
Large Text (above 18pt) WCAG AA ✓ Pass

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

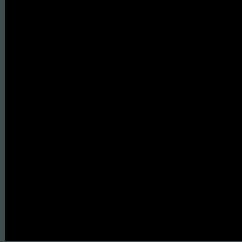
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

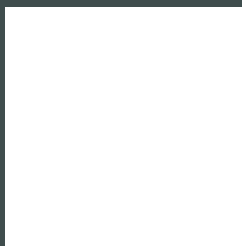
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 72.8140, 2.0637, -8.6069

Background



This preview shows how black text looks on a background with the YUV color 72.8140, 2.0637, -8.6069.



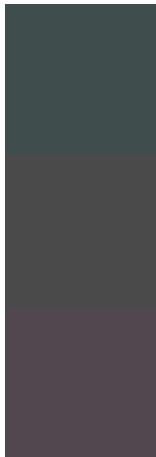
This preview shows how white text looks on a background with the YUV color 72.8140, 2.0637, -8.6069.

-8.6069.

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

72.8140, 2.0637, -8.6069

Protanopia

74.4130, 0.2894, 0.5148

Deuteranopia

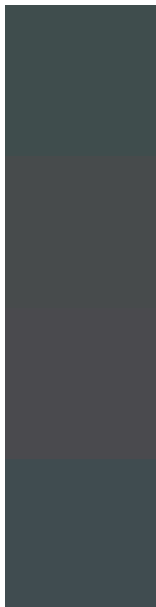
75.0760, 1.4415, 4.3183



Tritanopia

73.0960, 4.3897, -7.9772

Trichromacy



Original Color

72.8140, 2.0637, -8.6069

Protanomaly

73.9180, 1.0264, -2.5591

Deuteranomaly

74.4560, 1.7472, -0.3999

Tritanomaly

72.8680, 3.5161, -7.7772

Monochromacy



Original Color

72.8140, 2.0637, -8.6069

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

72.5050, 0.7370, -3.0739

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.8140, 2.0637, -8.6069 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(63, 77, 77)` looks like.

```
.text, #text, p{  
    color:rgb(63, 77, 77)  
}
```

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(63, 77, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 77, 77) }
```

Border

The CSS property to change the border of an element to YUV 72.8140, 2.0637, -8.6069 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(63, 77, 77) }
```


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

```
.border{ border-color:rgb(63, 77, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 77, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 77, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 77, 77);  
box-shadow:4px 4px 4px 4px rgb(63, 77, 77)  
}
```

Background

The CSS property to change the background color of an element to YUV 72.8140, 2.0637, -8.6069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 77, 77) }
```

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

```
.background{ background-color: rgb(63, 77,  
77) }
```

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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