

Converting Colors

YUV(38.3140, 3.7892, -2.0294)

Have a look what the booklet for
YUV(38.3140, 3.7892, -2.0294)
contains.

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Color

**YUV(38.3140, 3.7892,
-2.0294)**

Conversions

Conversions Part 1

Format	Color
Hex	24262E
RGB	36, 38, 46
RGB Percent	14%, 15%, 18%
CMY	0.8588, 0.8510, 0.8196
CMYK	0.22, 0.17, 0.00, 0.82
HSL	228°, 12%, 16%
HSV	228°, 22%, 18%
XYZ	1.9138, 1.9586, 2.8619
YIQ	38.3140, -3.7600, 2.0640

Conversions

Conversions Part 2

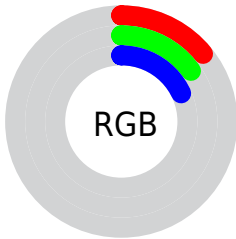
Format	Color
RYB	36, 38, 46
Decimal	2369070
CIELab	15.27, 1.25, -5.55
CIELCh	15, 5.693, 282.680
Yxy	1.9586, 0.2842, 0.2908
Android (android.graphics.Color)	4280559150 (0xFF24262E)
YUV	38.3140, 3.7892, -2.0294
Hunter-Lab	13.9948, -0.0808, -2.3284

Details

The YUV color **38.3140, 3.7892, -2.0294** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **43.6860, -3.7892, 2.0294**, and the grayscale version is **38.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **83.4280, 4.2260, -2.1294**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **34.4710, 5.6838, -3.0441**, and if you desaturate by 10%, it is **42.1570, 1.8946, -1.0147**.

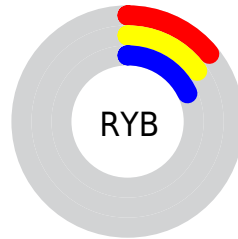
Distribution



Red (14%)

Green (15%)

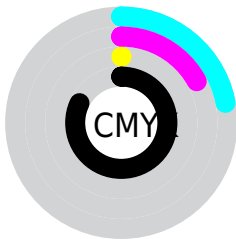
Blue (18%)



Red (14%)

Yellow (15%)

Blue (18%)

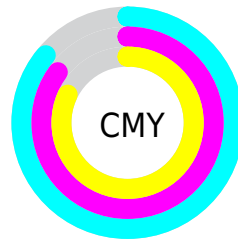


Cyan (22%)

Magenta (17%)

Yellow (0%)

Black (82%)



Cyan (86%)

Magenta (85%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 38.3140, 3.7892, -2.0294 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 38.3140, 3.7892, -2.0294 by changing the saturation by 10% instead.

■ 38.3140, 3.7892,
-2.0294

■ 38.3140, 3.7892,
-2.0294

255.0000, 0.0000,
0.0000

■ 17.3140, 3.7892,
-2.0294

■ 83.4280, 4.2260,
-2.1294

■ 0.0000, 0.0000,
0.0000

■ 107.4280, 4.2260,
-2.1294

■ 132.5420, 4.6628,
-2.2293

■ 158.5420, 4.6628,
-2.2293

■ 185.5420, 4.6628,
-2.2293

■ 213.2430, 4.8102,

-2.8441

■ 241.6560, 5.0996,
-2.3293

■ 38.3140, 3.7892,
-2.0294

■ 38.3140, 3.7892,
-2.0294

■ 34.4710, 5.6838,
-3.0441

■ 42.1570, 1.8946,
-1.0147

■ 31.5140, 7.1416,
-3.9588

■ 45.1140, 0.4368,
-0.1000

■ 27.6710, 9.0362,
-4.9735

■ 48.9570, -1.4578,
0.9147

■ 24.1270, 10.7834,
-5.3734

■ 52.5010, -3.2050,
1.3146

■ 20.8710, 12.3886,
-6.9029

■ 55.7570, -4.8102,
2.8441

■ 17.0280, 14.2832,
-7.9176

■ 59.6000, -6.7048,
3.8588

■ 13.4840, 16.0304,
-8.3175

■ 63.1440, -8.4520,
4.2587

■ 10.5270, 17.4882,
-9.2322

■ 66.4000, -10.0572,
5.7882

■ 69.9440, -11.8044,
6.1881

Harmonies

Analogous

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



37.4060, 4.2368, -5.6181



38.3140, 3.7892, -2.0294



38.9940, 2.4680, 1.7593

Triad

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



38.3140, 3.7892, -2.0294



38.6480, -2.7845, 6.4477



36.8530, -0.4205, -5.1331

Complementary

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



38.3140, 3.7892, -2.0294



43.6860, -3.7892, 2.0294

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.



37.5930, -2.7573, -2.2741



38.3140, 3.7892, -2.0294



38.4090, -3.6526, 4.9033

Square

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



38.3140, 3.7892, -2.0294



38.8160, -0.8953, 7.1774



38.2730, -4.0786, 1.5146



36.9990, 1.4795, -7.8921

Rectangle

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



38.3140, 3.7892, -2.0294



39.0760, 1.4415, 4.3183



38.2730, -4.0786, 1.5146



36.9240, -1.4415, -4.3183

Sweetspot

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



38.3140, 3.7892, -2.0294



55.4560, 1.7472, -0.3999



42.7820, 0.6005, -5.9478



28.9290, 1.0210, -0.8147



158.0000, 0.0000, 0.0000



31.0000, 0.0000, 0.0000

Same Dimension

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



38.3140, 3.7892, -2.0294



46.5850, 6.1206, -3.1440



38.0370, 3.9258, 0.8446



21.2280, 0.8736, -0.2000



19.8970, 33.0818, -17.4497



49.6370, 81.0310, -43.5316

Inverse Universe

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



39.2180, -0.6005, 5.9478



48.1260, -1.0481, 9.5365



43.9630, -3.9258, -0.8446



21.5980, -0.2948, 1.2296



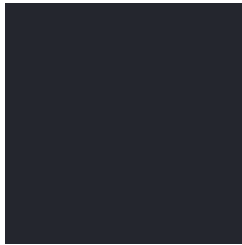
27.9510, -5.3988, 51.7860



68.8880, -12.7628, 127.2632

Previews

White Background



This preview shows how the YUV color 38.3140, 3.7892, -2.0294 looks on a white background.

Color Contrast Check

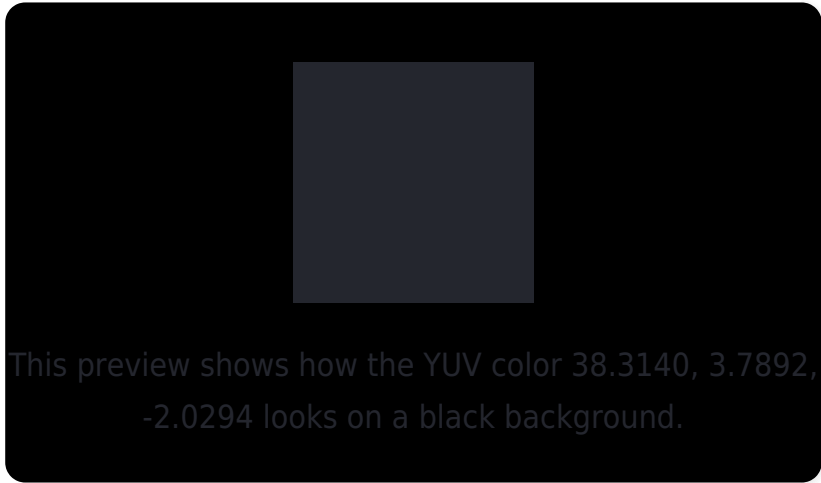
Large Text (above 18pt) WCAG AA ✓ Pass

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

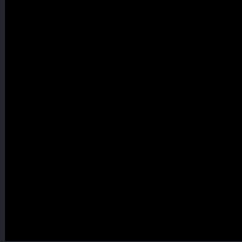
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

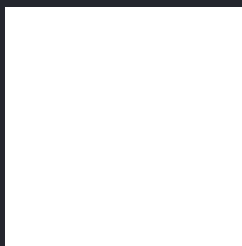
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 38.3140, 3.7892, -2.0294

Background



This preview shows how black text looks on a background with the YUV color 38.3140, 3.7892, -2.0294.



This preview shows how white text looks on a background with the YUV color 38.3140, 3.7892, -2.0294.

-2.0294.

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

38.3140, 3.7892, -2.0294

Protanopia

38.3140, 3.7892, -2.0294

Deuteranopia

38.3250, 3.7838, -0.2850



Tritanopia

38.1460, 1.9000, -2.7590

Trichromacy



Original Color

38.3140, 3.7892, -2.0294

Protanomaly

38.3140, 3.7892, -2.0294

Deuteranomaly

38.0260, 3.9312, -0.8998

Tritanomaly

38.2600, 2.3368, -2.8590

Monochromacy



Original Color

38.3140, 3.7892, -2.0294

Achromatopsia

38.0000, 0.0000, 0.0000

Achromatomaly

38.0430, 1.4578, -0.9147

CSS Examples

Text

The CSS property to change the color of the text to YUV 38.3140, 3.7892, -2.0294 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(36, 38, 46)` looks like.

```
.text, #text, p{  
    color:rgb(36, 38, 46)  
}
```

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(36, 38, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 38, 46) }
```

Border

The CSS property to change the border of an element to YUV 38.3140, 3.7892, -2.0294 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(36, 38, 46) }
```


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

```
.border{ border-color:rgb(36, 38, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 38, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 38, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 38, 46);  
box-shadow:4px 4px 4px 4px rgb(36, 38, 46)  
}
```

Background

The CSS property to change the background color of an element to YUV 38.3140, 3.7892, -2.0294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 38, 46) }
```

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

```
.background{ background-color: rgb(36, 38,  
46) }
```

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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