

Converting Colors

YUV(38.2850, 7.7475, -11.6509)

Have a look what the booklet for
YUV(38.2850, 7.7475, -11.6509)
contains.

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Color

**YUV(38.2850, 7.7475,
-11.6509)**

Conversions

Conversions Part 1	
Format	Color
Hex	192A36
RGB	25, 42, 54
RGB Percent	10%, 16%, 21%
CMY	0.9020, 0.8353, 0.7882
CMYK	0.54, 0.22, 0.00, 0.79
HSL	205°, 37%, 15%
HSV	205°, 54%, 21%
XYZ	1.8947, 2.1289, 3.8011
YIQ	38.2850, -13.9840, 0.1280

Conversions

Conversions Part 2

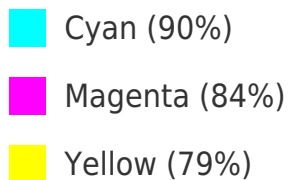
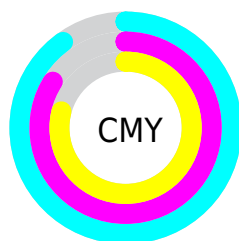
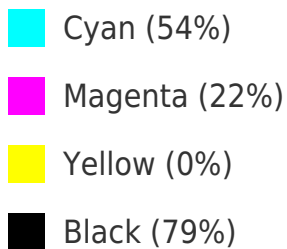
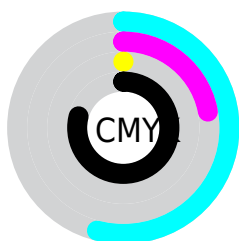
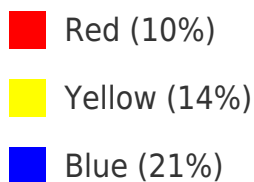
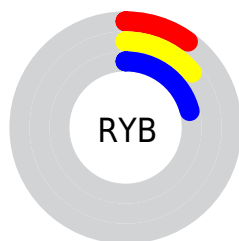
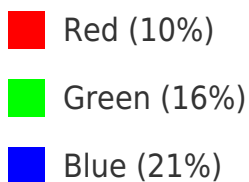
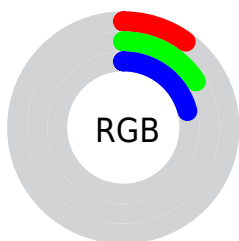
Format	Color
RYB	25, 36, 54
Decimal	1649206
CIELab	16.15, -3.00, -9.93
CIELCh	16, 10.379, 253.174
Yxy	2.1289, 0.2421, 0.2721
Android (android.graphics.Color)	4279839286 (0xFF192A36)
YUV	38.2850, 7.7475, -11.6509
Hunter-Lab	14.5909, -2.3547, -5.2321

Details

The YUV color **38.2850, 7.7475, -11.6509** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **40.7150, -7.7475, 11.6509**, and the grayscale version is **38.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **83.5130, 8.6211, -11.8509**, and **0.9120, 3.4944, -0.7998** is the 20% darker color. If you saturate the color by 10%, you get **35.6160, 9.0633, -13.6952**, and if you desaturate by 10%, it is **40.9540, 6.4317, -9.6067**.

Distribution



Brightness & Saturation

Gradients

These gradients show how the YUV color 38.2850, 7.7475, -11.6509 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 38.2850, 7.7475, -11.6509 by changing the saturation by 10% instead.

■ 38.2850, 7.7475,
-11.6509

■ 38.2850, 7.7475,
-11.6509

255.0000, 0.0000,
0.0000

■ 17.2740, 7.7529,
-13.3953

■ 83.5130, 8.6211,
-11.8509

■ 0.9120, 3.4944,
-0.7998

■ 108.2140, 8.7685,
-12.4657

■ 0.0000, 0.0000,
0.0000

■ 133.3280, 9.2053,
-12.5657

■ 159.3280, 9.2053,
-12.5657


■ 186.4420, 9.6421,
-12.6656


■ 214.1430, 9.7895,


-13.2804


 241.6440, 6.5845,
-11.9658


 38.2850, 7.7475,
-11.6509


 38.2850, 7.7475,
-11.6509


 35.6160, 9.0633,
-13.6952


 40.9540, 6.4317,
-9.6067

 32.6480, 10.5265,
-16.3543


 43.9220, 4.9685,
-6.9476


 29.3920, 12.1317,
-17.8838

 47.1780, 3.3632,
-5.4181

 26.4240, 13.5950,
-20.5428

 50.1460, 1.9000,
-2.7590

 24.9400, 14.3266,
-21.8724

 52.8150, 0.5842,
-0.7148

■ 55.4840, -0.7316,
1.3295

■ 59.0390, -2.4842,
3.4738

■ 61.7080, -3.8000,
5.5181

■ 64.6760, -5.2633,
8.1771

Harmonies

Analogous

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



36.9100, 6.4534, -16.5841



38.2850, 7.7475, -11.6509



40.1010, 6.8522, -4.4736

Triad

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



38.2850, 7.7475, -11.6509



41.2080, -2.0745, 12.0956



38.7130, -4.7885, -4.1333

Complementary

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



38.2850, 7.7475, -11.6509



40.7150, -7.7475, 11.6509

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.



39.5890, -6.6994, 2.1144



38.2850, 7.7475, -11.6509



40.6980, -5.2741, 11.6659

Square

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



38.2850, 7.7475, -11.6509



41.2230, 1.8621, 9.4514



39.9210, -6.8631, 7.9623



37.4070, -0.6937, -10.8809

Rectangle

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



38.2850, 7.7475, -11.6509



40.7920, 5.5255, 1.0594



39.9210, -6.8631, 7.9623



38.9090, -5.3781, -1.6742

Sweetspot

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



38.2850, 7.7475, -11.6509



65.3630, 2.7790, -4.7034



43.3910, -3.1508, -16.1289



32.1460, 1.9000, -2.7590



163.0000, 0.0000, 0.0000



36.0000, 0.0000, 0.0000

Same Dimension

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



38.2850, 7.7475, -11.6509



46.3920, 12.1317, -17.8838



30.0670, 11.7990, -4.4438



26.5160, 0.7316, -1.3295



42.1860, 24.5583, -36.9971



100.6890, 58.3273, -88.3043

Inverse Universe

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



35.6090, 3.1508, 16.1289



42.4190, 4.7234, 25.0655



48.9330, -11.7990, 4.4438



26.1250, 0.4314, 1.6444



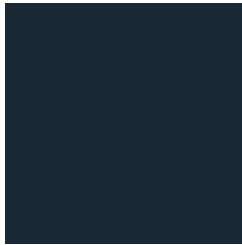
33.6640, 10.0256, 51.1607



80.1870, 24.0648, 121.7390

Previews

White Background



This preview shows how the YUV color 38.2850, 7.7475, -11.6509 looks on a white background.

Color Contrast Check

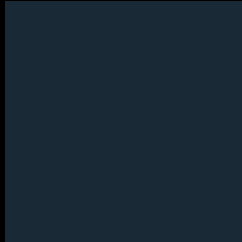
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 38.2850, 7.7475, -11.6509 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

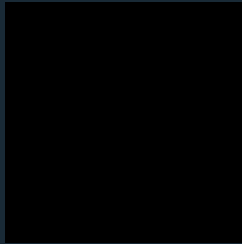
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 38.2850, 7.7475, -11.6509

Background



This preview shows how black text looks on a background with the YUV color 38.2850, 7.7475, -11.6509.



This preview shows how white text looks on a background with the YUV color 38.2850, 7.7475, -11.6509.

-11.6509.

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

38.2850, 7.7475, -11.6509

Protanopia

40.4710, 5.6838, -3.0441

Deuteranopia

40.5140, 7.1416, -3.9588



Tritanopia

37.1770, 4.8427, -13.3102

Trichromacy



Original Color

38.2850, 7.7475, -11.6509

Protanomaly

39.9760, 6.4208, -6.1180

Deuteranomaly

39.9050, 7.4418, -6.9327

Tritanomaly

37.8180, 6.0057, -12.9954

Monochromacy



Original Color

38.2850, 7.7475, -11.6509

Achromatopsia

38.0000, 0.0000, 0.0000

Achromatomaly

37.7760, 3.0684, -4.1886

CSS Examples

Text

The CSS property to change the color of the text to YUV 38.2850, 7.7475, -11.6509 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(25, 42, 54)` looks like.

```
.text, #text, p{  
    color:rgb(25, 42, 54)  
}
```

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(25, 42, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 42, 54) }
```

Border

The CSS property to change the border of an element to YUV 38.2850, 7.7475, -11.6509 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(25, 42, 54) }
```


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

```
.border{ border-color:rgb(25, 42, 54) }
```

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

Here you see how a box with a 4 pixel rgb(25, 42, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 42, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 42, 54);  
box-shadow:4px 4px 4px 4px rgb(25, 42, 54)  
}
```

Background

The CSS property to change the background color of an element to YUV 38.2850, 7.7475, -11.6509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 42, 54) }
```

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

```
.background{ background-color: rgb(25, 42,  
54) }
```

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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