

Converting Colors

YUV(141.1630, 9.2866,
-38.7310)

Have a look what the booklet for
YUV(141.1630, 9.2866, -38.7310)
contains.

YUV(141.1630, 9.2866, -38.7310)	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(141.1630, 9.2866,
-38.7310)**

Conversions

Conversions Part 1

Format	Color
Hex	61A0A0
RGB	97, 160, 160
RGB Percent	38%, 63%, 63%
CMY	0.6196, 0.3725, 0.3725
CMYK	0.39, 0.00, 0.00, 0.37
HSL	180°, 25%, 50%
HSV	180°, 39%, 63%
XYZ	23.8457, 30.2211, 37.8342
YIQ	141.1630, -37.5480, -13.3560

Conversions

Conversions Part 2

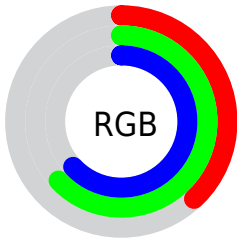
Format	Color
RYB	97, 129, 160
Decimal	6398112
CIELab	61.84, -20.19, -6.39
CIELCh	62, 21.173, 197.570
Yxy	30.2211, 0.2595, 0.3288
Android (android.graphics.Color)	4284588192 (0xFF61A0A0)
YUV	141.1630, 9.2866, -38.7310
Hunter-Lab	54.9737, -18.7767, -2.3232

Details

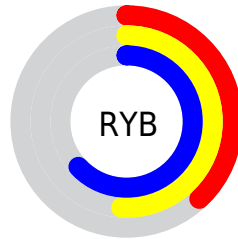
The YUV color **141.1630, 9.2866, -38.7310** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **115.8370, -9.2866, 38.7310**, and the grayscale version is **141.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **195.8640, 9.4340, -39.3457**, and **88.9780, 9.8708, -39.4457** is the 20% darker color. If you saturate the color by 10%, you get **136.3790, 11.6452, -48.5674**, and if you desaturate by 10%, it is **145.9470, 6.9281, -28.8945**.

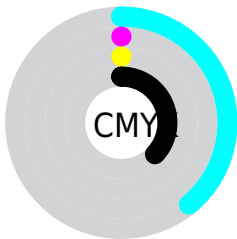
Distribution



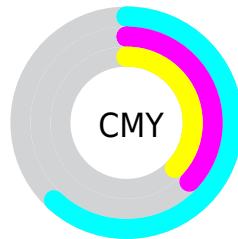
- Red (38%)
- Green (63%)
- Blue (63%)



- Red (38%)
- Yellow (51%)
- Blue (63%)



- Cyan (39%)
- Magenta (0%)
- Yellow (0%)
- Black (37%)



- Cyan (62%)
- Magenta (37%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 141.1630, 9.2866, -38.7310 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 141.1630, 9.2866, -38.7310 by changing the saturation by 10% instead.

■ 141.1630, 9.2866,
-38.7310

■ 141.1630, 9.2866,
-38.7310

■ 255.0000, 0.0000,
0.0000

■ 115.1630, 9.2866,
-38.7310

■ 195.8640, 9.4340,
-39.3457

■ 88.9780, 9.8708,
-39.4457

■ 223.8640, 9.4340,
-39.3457

■ 61.8740, 10.9081,
-45.4935

■ 240.6480, 7.0755,
-29.5093

■ 42.1740, 9.2812,
-36.9866

■ 249.3190, 2.8007,
-11.6808

■ 26.8660, 6.4751,
-23.5615

■ 9.7970, 4.5371,
-8.5920

■ 0.0000, 0.0000,

0.0000

■ 141.1630, 9.2866,
-38.7310

■ 141.1630, 9.2866,
-38.7310

■ 136.3790, 11.6452,
-48.5674

■ 145.9470, 6.9281,
-28.8945

■ 131.5950, 14.0037,
-58.4038

■ 150.7310, 4.5696,
-19.0581

■ 126.8110, 16.3622,
-68.2402

■ 155.5150, 2.2111,
-9.2217

■ 122.0270, 18.7207,
-78.0767

■ 160.2990, -0.1474,
0.6148

■ 117.2430, 21.0792,
-87.9131

■ 165.0830, -2.5059,
10.4512

■ 112.4590, 23.4377,
-97.7495

■ 169.8670, -4.8644,
20.2876

■ 112.1600, 23.5851,
-98.3643

■ 174.6510, -7.2229,
30.1241

■ 179.4350, -9.5815,
39.9605

■ 184.2190,
-11.9400, 49.7969

Harmonies

Analogous

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



142.8840, -0.9288, -28.8393



141.1630, 9.2866, -38.7310



142.4110, 16.5594, -38.0714

Triad

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



141.1630, 9.2866, -38.7310



152.3510, 11.1660, 11.9702



149.7130, -18.0995, 18.6687

Complementary

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



141.1630, 9.2866, -38.7310



115.8370, -9.2866, 38.7310

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.



151.2180, -13.9115, 28.7498



141.1630, 9.2866, -38.7310



152.8490, 2.5394, 25.5654

Square

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



141.1630, 9.2866, -38.7310



149.8370, 17.3354, -6.8730



151.8900, -6.3548, 31.6685



147.6680, -16.5983, 3.7992

Rectangle

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



141.1630, 9.2866, -38.7310



144.5520, 19.4479, -31.1791



151.8900, -6.3548, 31.6685



149.6750, -17.0948, 23.0870

Sweetspot

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



141.1630, 9.2866, -38.7310



201.5250, 3.6852, -15.3694



133.9810, -18.2316, -32.4323



100.5150, 2.2111, -9.2217



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



141.1630, 9.2866, -38.7310



179.6980, 14.4459, -60.2481



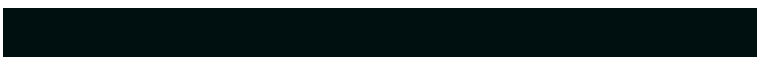
122.9660, 18.2578, -22.7722



76.6080, 1.1793, -4.9182



100.2430, 21.0792, -87.9131



10.5150, 2.2111, -9.2217

Inverse Universe

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



123.0190, 18.2316, 32.4323



151.4740, 28.3603, 50.4503



134.6210, -18.5472, 22.2574



74.3040, 2.3151, 4.1184



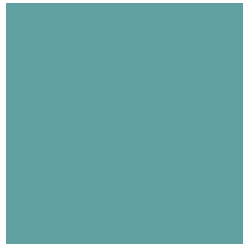
59.0590, 41.3829, 73.6163



6.1950, 4.3409, 7.7220

Previews

White Background



This preview shows how the YUV color 141.1630, 9.2866, -38.7310 looks on a white background.

Color Contrast Check

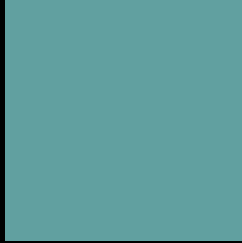
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 141.1630, 9.2866, -38.7310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

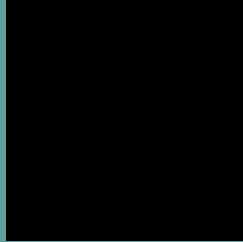
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 141.1630, 9.2866, -38.7310

Background



This preview shows how black text looks on a background with the YUV color 141.1630, 9.2866, -38.7310.



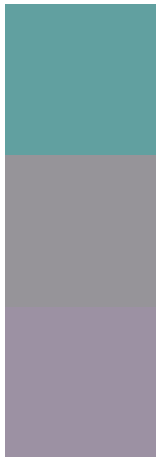
This preview shows how white text looks on a background with the YUV color 141.1630, 9.2866, -38.7310.

-38.7310.

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

141.1630, 9.2866, -38.7310

Protanopia

149.1680, 1.8892, 0.7297

Deuteranopia

150.3410, 6.2409, 4.9629



Tritanopia

142.1400, 14.2280, -36.9568

Trichromacy



Original Color

141.1630, 9.2866, -38.7310

Protanomaly

146.1770, 4.8427, -13.3102

Deuteranomaly

146.8830, 7.4527, -10.4214

Tritanomaly

141.9720, 12.3388, -37.6864

Monochromacy



Original Color

141.1630, 9.2866, -38.7310

Achromatopsia

141.0000, 0.0000, 0.0000

Achromatomaly

141.1230, 3.3904, -14.1399

CSS Examples

Text

The CSS property to change the color of the text to YUV 141.1630, 9.2866, -38.7310 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(97, 160, 160)` looks like.

```
.text, #text, p{  
    color:rgb(97, 160, 160)  
}
```

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(97, 160, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 160, 160) }
```

Border

The CSS property to change the border of an element to YUV 141.1630, 9.2866, -38.7310 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(97, 160, 160) }
```


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

```
.border{ border-color:rgb(97, 160, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 160, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 160, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 160, 160);  
box-shadow:4px 4px 4px 4px rgb(97, 160,  
160) }
```

Background

The CSS property to change the background color of an element to YUV 141.1630, 9.2866, -38.7310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 160, 160) }
```

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

```
.background{ background-color: rgb(97, 160,  
160) }
```

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