

Converting Colors

YUV(118.2160, 38.8405,
-91.3974)

Have a look what the booklet for
YUV(118.2160, 38.8405, -91.3974)
contains.

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Color

**YUV(118.2160, 38.8405,
-91.3974)**

Conversions

Conversions Part 1

Format	Color
Hex	0E9CC5
RGB	14, 156, 197
RGB Percent	5%, 61%, 77%
CMY	0.9451, 0.3882, 0.2275
CMYK	0.93, 0.21, 0.00, 0.23
HSL	193°, 87%, 41%
HSV	193°, 93%, 77%
XYZ	22.1476, 27.9015, 57.0416
YIQ	118.2160, -97.7930, -17.3530

Conversions

Conversions Part 2

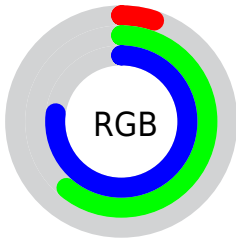
Format	Color
R_{YB}	14, 94, 197
Decimal	957637
CIE _{Lab}	59.80, -19.04, -30.54
CIE _{LCh}	60, 35.989, 238.054
Yxy	27.9015, 0.2068, 0.2605
Android (android.graphics.Color)	4279147717 (0xFF0E9CC5)
YUV	118.2160, 38.8405, -91.3974
Hunter-Lab	52.8219, -17.5953, -27.0511

Details

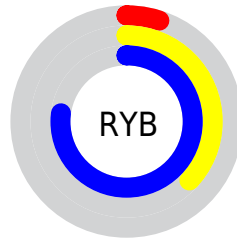
The YUV color **118.2160, 38.8405, -91.3974** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **92.7840, -38.8405, 91.3974**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.0120, 34.9971, -71.9245**, and **77.9370, 32.0761, -68.3507** is the 20% darker color. If you saturate the color by 10%, you get **112.2690, 41.7724, -98.4599**, and if you desaturate by 10%, it is **126.5440, 34.7348, -81.1611**.

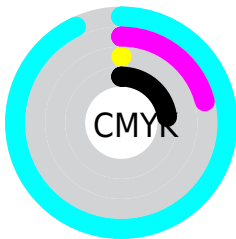
Distribution



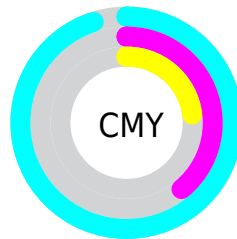
- Red (5%)
- Green (61%)
- Blue (77%)



- Red (5%)
- Yellow (37%)
- Blue (77%)



- Cyan (93%)
- Magenta (21%)
- Yellow (0%)
- Black (23%)



- Cyan (95%)
- Magenta (39%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.2160, 38.8405, -91.3974 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 118.2160, 38.8405, -91.3974 by changing the saturation by 10% instead.

■ 118.2160, 38.8405,
-91.3974

■ 118.2160, 38.8405,
-91.3974

■ 255.0000, 0.0000,
0.0000

■ 95.6900, 36.6348,
-83.9201

■ 183.0120, 34.9971,
-71.9245

■ 77.9370, 32.0761,
-68.3507

■ 209.1300, 22.6139,
-66.7660

■ 60.2980, 27.9541,
-52.8813

■ 227.7910, 13.4140,
-55.9447

■ 43.9470, 23.6901,
-38.5415

■ 236.7610, 8.9918,
-37.5014

■ 28.9980, 19.7210,
-25.4312

■ 246.0300, 4.4222,
-18.4433

■ 7.5920, 18.9351,
-6.6582

■ 3.4370, 10.6306,

-3.0142

■ 0.0000, 0.0000,
0.0000

■ 118.2160, 38.8405,
-91.3974

■ 118.2160, 38.8405,
-91.3974

■ 112.2690, 41.7724,
-98.4599

■ 126.5440, 34.7348,
-81.1611

■ 135.1600, 30.4871,
-72.0543

■ 143.4880, 26.3814,
-61.8180

■ 152.4030, 21.9863,
-52.0964

■ 160.7310, 17.8806,
-41.8601

■ 168.7600, 13.9223,
-32.2385

■ 177.6750, 9.5272,
-22.5170

■ 186.0030, 5.4215,
-12.2806

■ 194.6190, 1.1738,
-3.1739

Harmonies

Analogous

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



113.6420, 29.2635, -99.6640



118.2160, 38.8405, -91.3974



137.9820, 34.0259, -40.3262

Triad

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



118.2160, 38.8405, -91.3974



147.0090, -0.0044, 48.2271



138.6210, -25.4492, -4.0526

Complementary

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



118.2160, 38.8405, -91.3974



92.7840, -38.8405, 91.3974

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.



141.5210, -30.3299, 21.4681



118.2160, 38.8405, -91.3974



145.2470, -14.4188, 51.5264

Square

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



118.2160, 38.8405, -91.3974



148.0850, 14.7481, 29.7435



143.7930, -26.0269, 41.4005



133.8760, -12.2639, -33.2173

Rectangle

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



118.2160, 38.8405, -91.3974



144.2950, 29.4346, -14.2907



143.7930, -26.0269, 41.4005



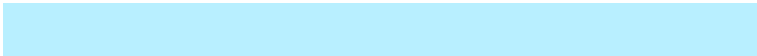
139.6930, -27.9496, 4.6542

Sweetspot

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



118.2160, 38.8405, -91.3974



224.3790, 15.0962, -35.4124



125.9810, -35.4866, -98.2073



108.9740, 9.3798, -21.9022



0.0000, 0.0000, 0.0000



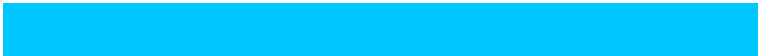
128.0000, 0.0000, 0.0000

Same Dimension

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



118.2160, 38.8405, -91.3974



145.2960, 54.0841, -127.4246



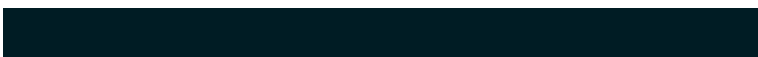
65.3860, 64.8857, -45.0655



95.1350, 1.9054, -4.5034



93.1310, 34.4454, -81.6759



20.5400, 7.6218, -18.0136

Inverse Universe

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



84.9050, 35.0498, 98.3073



98.8170, 48.8972, 136.9725



145.6140, -64.8857, 45.0655



93.4890, 1.7309, 4.8331



63.2150, 31.4460, 87.5114



13.9560, 6.9237, 19.3326

Previews

White Background



This preview shows how the YUV color 118.2160, 38.8405, -91.3974 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 118.2160, 38.8405, -91.3974 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

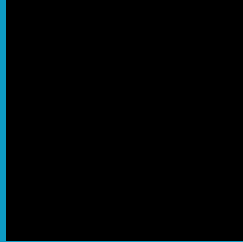
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 118.2160, 38.8405, -91.3974 Background



This preview shows how black text looks on a background with the YUV color 118.2160, 38.8405, -91.3974.

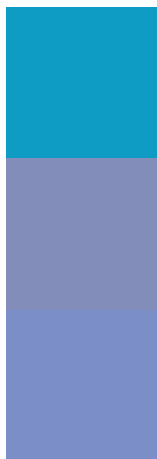


This preview shows how white text looks on a background with the YUV color 118.2160, 38.8405, -91.3974.

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

118.2160, 38.8405, -91.3974

Protanopia

143.1400, 21.1300, -10.6468

Deuteranopia

142.9310, 28.1350, -17.4795



Tritanopia

112.9410, 29.1161, -99.0493

Trichromacy



Original Color

118.2160, 38.8405, -91.3974

Protanomaly

133.6740, 27.7687, -40.0561

Deuteranomaly

133.7920, 32.1475, -44.5446

Tritanomaly

114.8750, 32.5996, -96.3604

Monochromacy



Original Color

118.2160, 38.8405, -91.3974

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

118.1620, 14.2171, -33.4681

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.2160, 38.8405, -91.3974 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(14, 156, 197)` looks like.

```
.text, #text, p{  
    color:rgb(14, 156, 197)  
}
```

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(14, 156, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 156, 197) }
```

Border

The CSS property to change the border of an element to YUV 118.2160, 38.8405, -91.3974 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(14, 156, 197) }
```


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

```
.border{ border-color:rgb(14, 156, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(14, 156, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(14, 156, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(14, 156, 197); box-shadow:4px 4px 4px 4px rgb(14, 156, 197) }
```

Background

The CSS property to change the background color of an element to YUV 118.2160, 38.8405, -91.3974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 156, 197) }
```

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

```
.background{ background-color: rgb(14, 156,  
197) }
```

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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