

# Converting Colors

YUV(91.2140, 15.1775,  
-61.5777)

Have a look what the booklet for  
YUV(91.2140, 15.1775, -61.5777)  
contains.

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# Color

**YUV(91.2140, 15.1775,  
-61.5777)**

# Conversions

## Conversions Part 1

Format	Color
Hex	15797A
RGB	21, 121, 122
RGB Percent	8%, 47%, 48%
CMY	0.9176, 0.5255, 0.5216
CMYK	0.83, 0.01, 0.00, 0.52
HSL	181°, 71%, 28%
HSV	181°, 83%, 48%
XYZ	10.6595, 15.2393, 20.7920
YIQ	91.2140, -59.9210, -20.8890

# Conversions

## Conversions Part 2

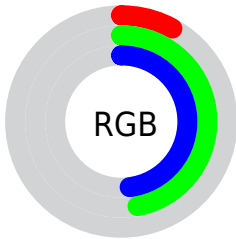
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	21, 71, 122
Decimal	1407354
CIE <sub>Lab</sub>	45.96, -25.95, -8.34
CIE <sub>LCh</sub>	46, 27.257, 197.823
Yxy	15.2393, 0.2283, 0.3264
Android (android.graphics.Color)	4279597434 (0xFF15797A)
<b>YUV</b>	91.2140, 15.1775, -61.5777
Hunter-Lab	39.0376, -19.5750, -4.2525

# Details

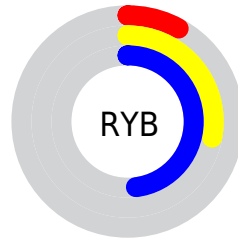
The YUV color **91.2140, 15.1775, -61.5777** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **51.7860, -15.1775, 61.5777**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.9870, 12.8244, -53.4856**, and **50.5860, 11.0501, -44.3639** is the 20% darker color. If you saturate the color by 10%, you get **87.6260, 16.9464, -68.9550**, and if you desaturate by 10%, it is **94.8020, 13.4086, -54.2004**.

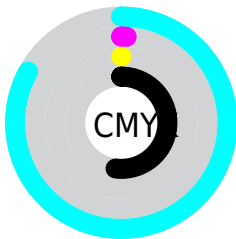
# Distribution



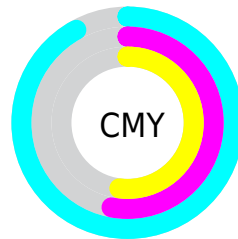
- Red (8%)
- Green (47%)
- Blue (48%)



- Red (8%)
- Yellow (28%)
- Blue (48%)



- Cyan (83%)
- Magenta (1%)
- Yellow (0%)
- Black (52%)



- Cyan (92%)
- Magenta (53%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 91.2140, 15.1775, -61.5777 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 91.2140, 15.1775, -61.5777 by changing the saturation by 10% instead.



91.2140, 15.1775,  
-61.5777

91.2140, 15.1775,  
-61.5777

255.0000, 0.0000,  
0.0000

67.4100, 14.5879,  
-59.1186

147.9870, 12.8244,  
-53.4856

50.5860, 11.0501,  
-44.3639

175.4000, 13.1138,  
-52.9708

34.5770, 8.0965,  
-30.3240

203.9870, 12.8244,  
-53.4856

21.0300, 4.4222,  
-18.4433

230.1830, 12.2348,  
-51.0265

0.3420, 1.3104,  
-0.2999

238.5550, 8.1074,  
-33.8127

0.0000, 0.0000,  
0.0000

247.5250, 3.6852,

-15.3694

■ 91.2140, 15.1775,  
-61.5777

■ 91.2140, 15.1775,  
-61.5777

■ 87.6260, 16.9464,  
-68.9550

■ 94.8020, 13.4086,  
-54.2004

■ 84.9350, 18.2730,  
-74.4880

■ 98.3900, 11.6397,  
-46.8230

■ 102.2770, 9.7234,  
-38.8309

■ 105.8650, 7.9546,  
-31.4536

■ 110.0400, 5.8963,  
-24.5911

■ 113.6280, 4.1274,  
-17.2138

■ 117.2160, 2.3585,  
-9.8364

■ 121.1030, 0.4422,  
-1.8443

■ 124.6910, -1.3267,  
5.5330

# Harmonies

## Analogous

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



98.0570, -0.0281, -37.7610



91.2140, 15.1775, -61.5777



91.4230, 24.9345, -64.3920

# Triad

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



91.2140, 15.1775, -61.5777



111.7580, 13.9233, 14.2442



107.8120, -21.5993, 21.2129

# Complementary

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



91.2140, 15.1775, -61.5777



51.7860, -15.1775, 61.5777

# 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.



109.8550, -16.6905, 33.4532



91.2140, 15.1775, -61.5777



111.5230, 3.6862, 31.1133

# Square

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



91.2140, 15.1775, -61.5777



108.8520, 21.2720, -9.5172



110.9940, -7.3920, 37.7163



106.0440, -20.2347, 3.4694



# Rectangle

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



91.2140, 15.1775, -61.5777



98.7610, 25.7538, -47.1484



110.9940, -7.3920, 37.7163



108.7740, -20.5946, 25.6312

# Sweetspot

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



91.2140, 15.1775, -61.5777



146.3390, 5.7489, -23.9763



80.2870, -29.2285, -51.9947



71.8240, 3.5378, -14.7546



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000



# Same Dimension

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



91.2140, 15.1775, -61.5777



110.7690, 23.2849, -95.3904



62.4510, 29.3577, -36.3525



59.2060, 0.8844, -3.6887



87.0380, 18.7153, -76.3323



175.4780, 37.7253, -153.8942



# Inverse Universe

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



62.5990, 28.7917, 52.0947



66.3140, 44.7082, 80.4086



81.1360, -29.6470, 35.8377



57.4780, 1.7363, 3.0888



51.5110, 35.7371, 64.4499

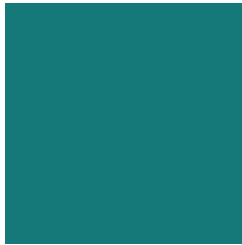


103.8480, 72.0529, 129.9293



# Previews

## White Background



This preview shows how the YUV color 91.2140, 15.1775, -61.5777 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 × Fail



# Black Background



This preview shows how the YUV color 91.2140, 15.1775, -61.5777 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

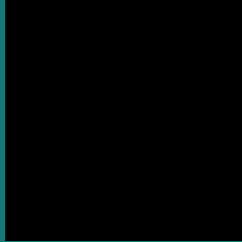
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 91.2140, 15.1775, -61.5777

## Background



This preview shows how black text looks on a background with the YUV color 91.2140, 15.1775, -61.5777.



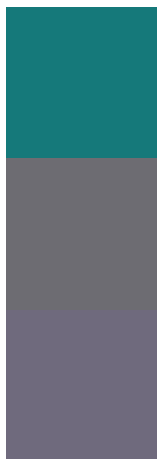
This preview shows how white text looks on a background with the YUV color 91.2140, 15.1775,



# 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

91.2140, 15.1775, -61.5777

### Protanopia

108.9830, 2.4734, 0.0149

### Deuteranopia

109.6610, 7.5621, 1.1743



## Tritanopia

93.9310, 17.7820, -56.9445

# Trichromacy



## Original Color

91.2140, 15.1775, -61.5777

## Protanomaly

102.6920, 7.0538, -22.5319

## Deuteranomaly

102.6150, 10.5428, -21.5874

## Tritanomaly

92.6920, 16.9138, -58.4889

# Monochromacy



## Original Color

91.2140, 15.1775, -61.5777

## Achromatopsia

91.0000, 0.0000, 0.0000

## Achromatomaly

91.2360, 5.3067, -22.1320

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 91.2140, 15.1775, -61.5777 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(21, 121, 122)` looks like.

```
.text, #text, p{  
    color:rgb(21, 121, 122)  
}
```

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(21, 121, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 121, 122) }
```

## Border

The CSS property to change the border of an element to YUV 91.2140, 15.1775, -61.5777 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(21, 121, 122) }
```



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

```
.border{ border-color:rgb(21, 121, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 121, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 121, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 121, 122);  
box-shadow:4px 4px 4px 4px rgb(21, 121,  
122) }
```

# Background

The CSS property to change the background color of an element to YUV 91.2140, 15.1775, -61.5777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 121, 122) }
```

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

```
.background{ background-color: rgb(21, 121,  
122) }
```

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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