

Converting Colors

YUV(112.5860, 17.4591,
-93.4759)

Have a look what the booklet for
YUV(112.5860, 17.4591, -93.4759)
contains.

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Color

**YUV(112.5860, 17.4591,
-93.4759)**

Conversions

Conversions Part 1

Format	Color
Hex	06A094
RGB	6, 160, 148
RGB Percent	2%, 63%, 58%
CMY	0.9765, 0.3725, 0.4196
CMYK	0.96, 0.00, 0.07, 0.37
HSL	175°, 93%, 33%
HSV	175°, 96%, 63%
XYZ	17.9912, 27.3184, 32.3417
YIQ	112.5860, -87.9320, -36.3800

Conversions

Conversions Part 2

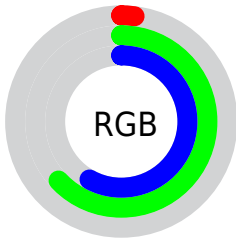
Format	Color
RYB	6, 86, 160
Decimal	434324
CIELab	59.27, -37.35, -3.67
CIELCh	59, 37.526, 185.614
Yxy	27.3184, 0.2317, 0.3518
Android (android.graphics.Color)	4278624404 (0xFF06A094)
YUV	112.5860, 17.4591, -93.4759
Hunter-Lab	52.2671, -30.0246, -0.1004

Details

The YUV color **112.5860, 17.4591, -93.4759** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **53.4140, -17.4591, 93.4759**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.0400, 12.3053, -73.7031**, and **74.4540, 11.1152, -65.2962** is the 20% darker color. If you saturate the color by 10%, you get **110.7920, 18.3435, -97.1646**, and if you desaturate by 10%, it is **117.4840, 15.5374, -83.7395**.

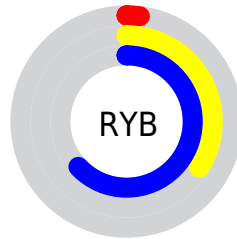
Distribution



Red (2%)

Green (63%)

Blue (58%)



Red (2%)

Yellow (34%)

Blue (63%)

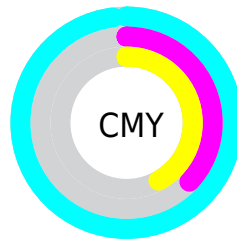


Cyan (96%)

Magenta (0%)

Yellow (7%)

Black (37%)



Cyan (98%)

Magenta (37%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.5860, 17.4591, -93.4759 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 112.5860, 17.4591, -93.4759 by changing the saturation by 10% instead.

■ 112.5860, 17.4591,
-93.4759

■ 112.5860, 17.4591,
-93.4759

■ 255.0000, 0.0000,
0.0000

■ 91.9790, 14.8004,
-80.6656

■ 177.0400, 12.3053,
-73.7031

■ 74.4540, 11.1152,
-65.2962

■ 206.2250, 11.7211,
-72.9883

■ 57.1570, 8.3036,
-50.1267

■ 224.5020, 15.0355,
-62.7073

■ 40.4470, 5.2026,
-35.4720

■ 233.4720, 10.6133,
-44.2639

■ 25.7260, 2.1071,
-22.5617

■ 242.4420, 6.1911,
-25.8206

■ 0.6840, 2.6208,
-0.5999

■ 251.4120, 1.7689,

■ 0.0000, 0.0000,

-7.3773

0.0000

■ 112.5860, 17.4591,
-93.4759

■ 112.5860, 17.4591,
-93.4759

■ 110.7920, 18.3435,
-97.1646

■ 117.4840, 15.5374,
-83.7395

■ 122.3820, 13.6157,
-74.0030

■ 127.3940, 12.1308,
-64.3665

■ 132.2920, 10.2090,
-54.6301

■ 137.1900, 8.2873,
-44.8936

■ 142.0880, 6.3656,
-35.1572

■ 147.1000, 4.8807,
-25.5207

■ 151.9980, 2.9590,
-15.7842

■ 156.8960, 1.0373,
-6.0478

Harmonies

Analogous

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



129.9610, -7.8688, -42.9388



112.5860, 17.4591, -93.4759



113.8530, 32.6105, -99.8491

Triad

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



112.5860, 17.4591, -93.4759



145.8740, 24.7121, 7.1265



141.9730, -29.0737, 38.6117

Complementary

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



112.5860, 17.4591, -93.4759



53.4140, -17.4591, 93.4759

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.



143.8080, -18.6393, 51.9114



112.5860, 17.4591, -93.4759



147.0320, 11.8162, 36.8059

Square

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



112.5860, 17.4591, -93.4759



138.7380, 34.1462, -32.2192



145.1190, -3.5097, 52.5156



139.8470, -31.4766, 15.9202

Rectangle

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



112.5860, 17.4591, -93.4759



113.9160, 40.4674, -99.9043



145.1190, -3.5097, 52.5156



142.4020, -26.3272, 44.3744

Sweetspot

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



112.5860, 17.4591, -93.4759



190.1910, 6.8078, -37.0015



100.2850, -46.4825, -71.2869



93.5950, 4.1437, -22.4468



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.



112.5860, 17.4591, -93.4759



144.6850, 23.8193, -126.8887



76.3860, 41.2217, -61.7285



76.4940, 0.7425, -4.8182



98.9890, 16.2744, -86.8134



10.4010, 1.7743, -9.1217

Inverse Universe

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



53.4140, -17.4591, 93.4759



64.3150, -23.8193, 126.8887



89.6140, -41.2217, 61.7285



73.5060, -0.7425, 4.8182



44.0110, -16.2744, 86.8134



4.5990, -1.7743, 9.1217

Previews

White Background



This preview shows how the YUV color 112.5860, 17.4591, -93.4759 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 112.5860, 17.4591, -93.4759 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 112.5860, 17.4591, -93.4759 Background



This preview shows how black text looks on a background with the YUV color 112.5860, 17.4591, -93.4759.

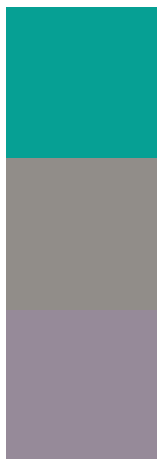


This preview shows how white text looks on a background with the YUV color 112.5860, 17.4591, -93.4759.

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

112.5860, 17.4591, -93.4759

Protanopia

141.7400, -2.3368, 2.8590

Deuteranopia

143.2980, 4.7831, 5.8777



Tritanopia

123.2000, 23.0724, -73.8434

Trichromacy



Original Color

112.5860, 17.4591, -93.4759

Protanomaly

131.0560, 4.9024, -32.4981

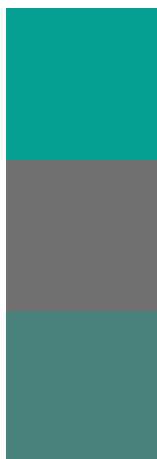
Deuteranomaly

132.2180, 9.2595, -30.0092

Tritanomaly

119.2870, 21.0575, -80.9357

Monochromacy



Original Color

112.5860, 17.4591, -93.4759

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

112.8000, 6.5076, -34.0276

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.5860, 17.4591, -93.4759 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(6, 160, 148)` looks like.

```
.text, #text, p{  
    color:rgb(6, 160, 148)  
}
```

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(6, 160, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 160, 148) }
```

Border

The CSS property to change the border of an element to YUV 112.5860, 17.4591, -93.4759 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(6, 160, 148) }
```


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

```
.border{ border-color:rgb(6, 160, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 160, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 160, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 160, 148);  
box-shadow:4px 4px 4px 4px rgb(6, 160,  
148) }
```

Background

The CSS property to change the background color of an element to YUV 112.5860, 17.4591, -93.4759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 160, 148) }
```

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

```
.background{ background-color: rgb(6, 160,  
148) }
```

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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