

Converting Colors

YUV(118.0450, 28.0788,
-93.0015)

Have a look what the booklet for
YUV(118.0450, 28.0788, -93.0015)
contains.

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Color

**YUV(118.0450, 28.0788,
-93.0015)**

Conversions

Conversions Part 1

Format	Color
Hex	0CA1AF
RGB	12, 161, 175
RGB Percent	5%, 63%, 69%
CMY	0.9529, 0.3686, 0.3137
CMYK	0.93, 0.08, 0.00, 0.31
HSL	185°, 87%, 37%
HSV	185°, 93%, 69%
XYZ	20.6344, 28.6630, 45.0024
YIQ	118.0450, -93.2980, -27.2340

Conversions

Conversions Part 2

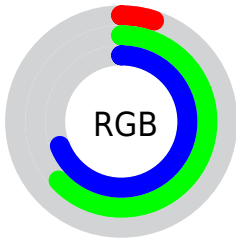
Format	Color
RYB	12, 90, 175
Decimal	827823
CIELab	60.48, -29.16, -17.11
CIELCh	60, 33.811, 210.402
Yxy	28.6630, 0.2188, 0.3040
Android (android.graphics.Color)	4279017903 (0xFF0CA1AF)
YUV	118.0450, 28.0788, -93.0015
Hunter-Lab	53.5379, -24.8945, -12.3610

Details

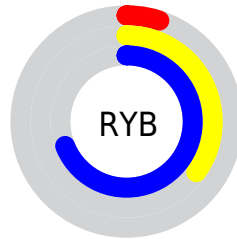
The YUV color **118.0450, 28.0788, -93.0015** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **68.9550, -28.0788, 93.0015**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.4280, 23.9460, -74.0434**, and **78.0050, 22.1825, -68.4104** is the 20% darker color. If you saturate the color by 10%, you get **113.8700, 30.1371, -99.8640**, and if you desaturate by 10%, it is **124.6010, 24.8467, -82.9651**.

Distribution



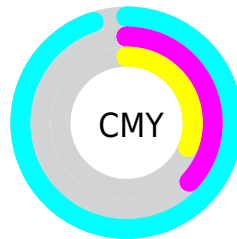
- Red (5%)
- Green (63%)
- Blue (69%)



- Red (5%)
- Yellow (35%)
- Blue (69%)



- Cyan (93%)
- Magenta (8%)
- Yellow (0%)
- Black (31%)



- Cyan (95%)
- Magenta (37%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.0450, 28.0788, -93.0015 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 118.0450, 28.0788, -93.0015 by changing the saturation by 10% instead.

■ 118.0450, 28.0788,
-93.0015

■ 118.0450, 28.0788,
-93.0015

■ 255.0000, 0.0000,
0.0000

■ 96.1170, 25.5783,
-84.2946

■ 182.4280, 23.9460,
-74.0434

■ 78.0050, 22.1825,
-68.4104

■ 211.4560, 21.4672,
-72.3139

■ 60.4800, 18.4974,
-53.0410

■ 226.2960, 14.1511,
-59.0186

■ 43.6560, 14.9596,
-38.2863

■ 235.2660, 9.7289,
-40.5753

■ 28.7070, 10.9904,
-25.1760

■ 244.2360, 5.3067,
-22.1320

■ 6.4690, 12.0938,
-5.6733

■ 253.5050, 0.7370,

■ 0.2280, 0.8736,

-3.0739

-0.2000

■ 0.0000, 0.0000,
0.0000

■ 118.0450, 28.0788,
-93.0015

■ 118.0450, 28.0788,
-93.0015

■ 113.8700, 30.1371,
-99.8640

■ 124.6010, 24.8467,
-82.9651

■ 130.2710, 22.0514,
-73.0287

■ 136.8270, 18.8193,
-62.9923

■ 142.4970, 16.0240,
-53.0559

■ 149.0530, 12.7919,
-43.0195

■ 154.7230, 9.9966,
-33.0831

■ 161.2790, 6.7645,
-23.0467

■ 166.9490, 3.9691,
-13.1103

■ 173.5050, 0.7370,
-3.0739

Harmonies

Analogous

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



128.6670, 8.0522, -62.8520



118.0450, 28.0788, -93.0015



129.2680, 33.3919, -70.3950

Triad

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



118.0450, 28.0788, -93.0015



150.2160, 12.7115, 29.6286



143.6670, -28.4298, 18.7090

Complementary

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



118.0450, 28.0788, -93.0015



68.9550, -28.0788, 93.0015

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.



145.9990, -25.1425, 37.7119



118.0450, 28.0788, -93.0015



149.3570, -1.1620, 46.1679

Square

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



118.0450, 28.0788, -93.0015



148.3140, 24.0022, 1.4786



147.4100, -14.9921, 48.7524



140.4790, -23.4071, -5.6821

Rectangle

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



118.0450, 28.0788, -93.0015



137.8950, 32.5898, -46.3889



147.4100, -14.9921, 48.7524



144.7110, -28.4515, 25.6865

Sweetspot

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



118.0450, 28.0788, -93.0015



204.3420, 11.1704, -36.2569



109.2770, -41.0556, -85.3119



100.9910, 6.9064, -21.9171



242.0000, 0.0000, 0.0000



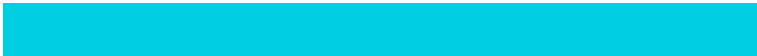
115.0000, 0.0000, 0.0000

Same Dimension

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



118.0450, 28.0788, -93.0015



147.3870, 39.2492, -129.2584



70.4980, 51.5195, -51.3027



83.7220, 1.6161, -5.0182



98.1060, 25.5837, -86.0390



14.9490, 3.9691, -13.1103

Inverse Universe

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



77.7230, 41.0556, 85.3119



91.4710, 56.9558, 118.8589



116.5020, -51.5195, 51.3027



81.6030, 2.1677, 4.7332



60.5820, 38.1671, 78.4196



9.2710, 5.7824, 12.0403

Previews

White Background



This preview shows how the YUV color 118.0450, 28.0788, -93.0015 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 118.0450, 28.0788, -93.0015 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

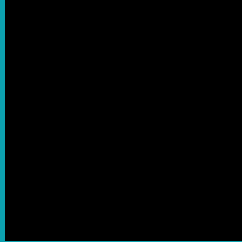
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 118.0450, 28.0788, -93.0015

Background



This preview shows how black text looks on a background with the YUV color 118.0450, 28.0788, -93.0015.

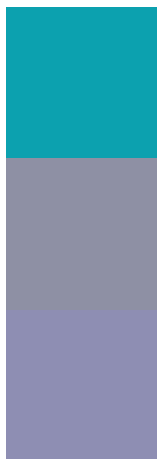


This preview shows how white text looks on a background with the YUV color 118.0450, 28.0788, -93.0015.

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

118.0450, 28.0788, -93.0015

Protanopia

145.6820, 9.0308, -3.2291

Deuteranopia

146.2180, 16.1615, -3.6992



Tritanopia

117.0340, 28.0842, -94.7458

Trichromacy



Original Color

118.0450, 28.0788, -93.0015

Protanomaly

135.6070, 15.9697, -35.6123

Deuteranomaly

136.1600, 20.6271, -36.0973

Tritanomaly

117.3330, 27.9368, -94.1310

Monochromacy



Original Color

118.0450, 28.0788, -93.0015

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

118.1250, 10.2914, -34.3126

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.0450, 28.0788, -93.0015 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(12, 161, 175)` looks like.

```
.text, #text, p{  
    color:rgb(12, 161, 175)  
}
```

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(12, 161, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 161, 175) }
```

Border

The CSS property to change the border of an element to YUV 118.0450, 28.0788, -93.0015 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(12, 161, 175) }
```


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

```
.border{ border-color:rgb(12, 161, 175) }
```

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

Here you see how a box with a 4 pixel rgb(12, 161, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 161, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 161, 175);  
box-shadow:4px 4px 4px 4px rgb(12, 161,  
175) }
```

Background

The CSS property to change the background color of an element to YUV 118.0450, 28.0788, -93.0015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 161, 175) }
```

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

```
.background{ background-color: rgb(12, 161,  
175) }
```

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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