

Converting Colors

YUV(112.7180, 10.4920,
-98.8537)

Have a look what the booklet for
YUV(112.7180, 10.4920, -98.8537)
contains.

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Color

**YUV(112.7180, 10.4920,
-98.8537)**

Conversions

Conversions Part 1

Format	Color
Hex	00A686
RGB	0, 166, 134
RGB Percent	0%, 65%, 53%
CMY	1.0000, 0.3490, 0.4745
CMYK	1.00, 0.00, 0.19, 0.35
HSL	168°, 100%, 33%
HSV	168°, 100%, 65%
XYZ	17.9393, 28.9937, 27.2051
YIQ	112.7180, -88.6640, -45.1440

Conversions

Conversions Part 2

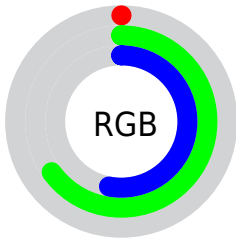
Format	Color
RYB	0, 92, 166
Decimal	42630
CIELab	60.78, -44.12, 6.40
CIELCh	61, 44.585, 171.741
Yxy	28.9937, 0.2420, 0.3911
Android (android.graphics.Color)	4278232710 (0xFF00A686)
YUV	112.7180, 10.4920, -98.8537
Hunter-Lab	53.8458, -34.7609, 7.7363

Details

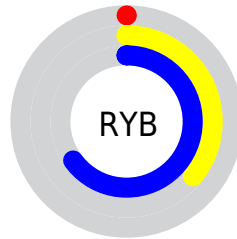
The YUV color **112.7180, 10.4920, -98.8537** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **53.2820, -10.4920, 98.8537**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.1400, 3.8750, -76.4218**, and **75.9070, 3.9898, -66.5704** is the 20% darker color. If you saturate the color by 10%, you get **112.7180, 10.4920, -98.8537**, and if you desaturate by 10%, it is **118.1430, 9.2965, -88.7024**.

Distribution



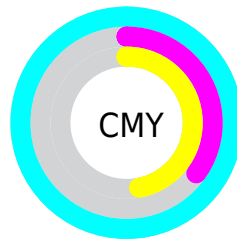
- Red (0%)
- Green (65%)
- Blue (53%)



- Red (0%)
- Yellow (36%)
- Blue (65%)



- Cyan (100%)
- Magenta (0%)
- Yellow (19%)
- Black (35%)



- Cyan (100%)
- Magenta (35%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.7180, 10.4920, -98.8537 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 112.7180, 10.4920, -98.8537 by changing the saturation by 10% instead.

■ 112.7180, 10.4920,
-98.8537

■ 112.7180, 10.4920,
-98.8537

■ 255.0000, 0.0000,
0.0000

■ 94.0190, 7.3856,
-82.4547

■ 179.1400, 3.8750,
-76.4218

■ 75.9070, 3.9898,
-66.5704

■ 208.3250, 3.2908,
-75.7070

■ 58.6100, 1.1783,
-51.4010

■ 222.8350, 9.9413,
-62.1223

■ 41.5410, -0.7597,
-36.4315

■ 233.1730, 10.7607,
-44.8787

■ 26.8200, -3.8553,
-23.5211

■ 242.1430, 6.3385,
-26.4354

■ 2.9350, -1.4470,
-2.5740

■ 251.1130, 1.9163,

■ 0.0000, 0.0000,

-7.9921

0.0000

■ 112.7180, 10.4920,
-98.8537

■ 118.1430, 9.2965,
-88.7024

■ 123.2690, 8.2484,
-79.1659

■ 128.8080, 7.4897,
-69.1146

■ 133.9340, 6.4415,
-59.5781

■ 139.3590, 5.2460,
-49.4268

■ 144.7840, 4.0505,
-39.2756

■ 149.9100, 3.0024,
-29.7391

■ 155.4490, 2.2436,
-19.6878

■ 160.5750, 1.1955,
-10.1513

Harmonies

Analogous

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



134.4430, -18.9524, -34.5915



112.7180, 10.4920, -98.8537



117.2780, 27.9639, -102.8528

Triad

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



112.7180, 10.4920, -98.8537



147.3150, 35.8337, -13.4313



145.9580, -29.5593, 54.4108

Complementary

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



112.7180, 10.4920, -98.8537



53.2820, -10.4920, 98.8537

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.



147.2640, -13.4412, 64.6665



112.7180, 10.4920, -98.8537



151.0340, 22.1682, 29.7882

Square

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



112.7180, 10.4920, -98.8537



128.4920, 47.0854, -75.8535



149.6170, 4.6258, 56.4639



143.9260, -37.9245, 30.7599

Rectangle

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



112.7180, 10.4920, -98.8537



118.8400, 39.0259, -104.2227



149.6170, 4.6258, 56.4639



146.5440, -24.9182, 59.1589

Sweetspot

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



112.7180, 10.4920, -98.8537



196.0830, 3.9031, -38.6608



107.3090, -52.9033, -65.1690



97.1280, 2.4019, -23.7913



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



112.7180, 10.4920, -98.8537



147.3290, 13.6418, -129.2075



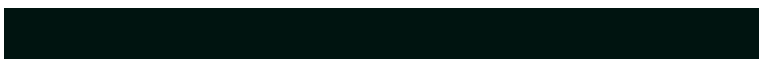
87.0160, 38.9391, -76.3130



81.4940, 0.7425, -4.8182



100.4420, 9.1491, -88.0876



13.5640, 1.2009, -11.8956

Inverse Universe

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



53.2820, -10.4920, 98.8537



69.6710, -13.6418, 129.2075



78.9840, -38.9391, 76.3130



78.5060, -0.7425, 4.8182



47.5580, -9.1491, 88.0876



6.4360, -1.2009, 11.8956

Previews

White Background



This preview shows how the YUV color 112.7180, 10.4920, -98.8537 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 112.7180, 10.4920, -98.8537 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

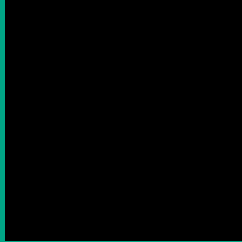
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 112.7180, 10.4920, -98.8537

Background



This preview shows how black text looks on a background with the YUV color 112.7180, 10.4920, -98.8537.



This preview shows how white text looks on a background with the YUV color 112.7180, 10.4920,

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



Protanopia

144.8840, -10.7888, 7.1177

Deuteranopia

147.1650, -3.5323, 13.0103

Tritanopia

129.2930, 22.0406, -69.5400

Trichromacy



Protanomaly

133.2920, -3.1020, -31.8281

Deuteranomaly

134.5790, 1.6866, -27.6948

Tritanomaly

123.3750, 17.5631, -80.1359

Monochromacy



Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

112.8060, 4.0396, -35.7869

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.7180, 10.4920, -98.8537 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(0, 166, 134)` looks like.

```
.text, #text, p{  
    color:rgb(0, 166, 134)  
}
```

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(0, 166, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 166, 134) }
```

Border

The CSS property to change the border of an element to YUV 112.7180, 10.4920, -98.8537 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(0, 166, 134) }
```

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

```
.border{ border-color:rgb(0, 166, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 166, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 166, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 166, 134);  
box-shadow:4px 4px 4px 4px rgb(0, 166,  
134) }
```


Background

The CSS property to change the background color of an element to YUV 112.7180, 10.4920, -98.8537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 166, 134) }
```

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

```
.background{ background-color: rgb(0, 166,  
134) }
```

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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