

Converting Colors

YUV(106.7460, 11.4642,
-83.9692)

Have a look what the booklet for
YUV(106.7460, 11.4642, -83.9692)
contains.

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Color

**YUV(106.7460, 11.4642,
-83.9692)**

Conversions

Conversions Part 1

Format	Color
Hex	0B9782
RGB	11, 151, 130
RGB Percent	4%, 59%, 51%
CMY	0.9569, 0.4078, 0.4902
CMYK	0.93, 0.00, 0.14, 0.41
HSL	171°, 86%, 32%
HSV	171°, 93%, 59%
XYZ	15.2339, 23.8161, 24.9131
YIQ	106.7460, -76.6990, -36.2110

Conversions

Conversions Part 2

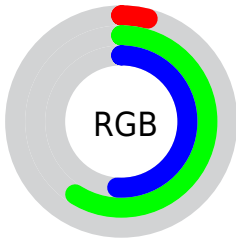
Format	Color
R_{YB}	11, 87, 151
Decimal	759682
CIE _{Lab}	55.90, -38.33, 1.64
CIE _{LCh}	56, 38.364, 177.543
Yxy	23.8161, 0.2382, 0.3723
Android (android.graphics.Color)	4278949762 (0xFF0B9782)
YUV	106.7460, 11.4642, -83.9692
Hunter-Lab	48.8017, -29.6826, 3.8938

Details

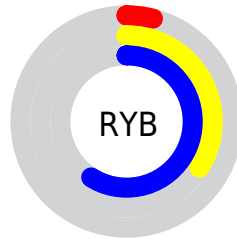
The YUV color **106.7460, 11.4642, -83.9692** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **55.2540, -11.4642, 83.9692**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.6940, 7.0529, -69.0146**, and **67.3470, 6.7309, -59.0633** is the 20% darker color. If you saturate the color by 10%, you get **103.2290, 12.2121, -90.5318**, and if you desaturate by 10%, it is **111.4590, 10.1267, -74.9475**.

Distribution



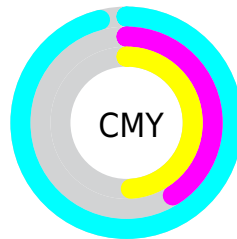
- Red (4%)
- Green (59%)
- Blue (51%)



- Red (4%)
- Yellow (34%)
- Blue (59%)



- Cyan (93%)
- Magenta (0%)
- Yellow (14%)
- Black (41%)



- Cyan (96%)
- Magenta (41%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 106.7460, 11.4642, -83.9692 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 106.7460, 11.4642, -83.9692 by changing the saturation by 10% instead.

■ 106.7460, 11.4642,
-83.9692

■ 106.7460, 11.4642,
-83.9692

■ 255.0000, 0.0000,
0.0000

■ 85.3450, 9.6899,
-74.8476

■ 168.6940, 7.0529,
-69.0146

■ 67.3470, 6.7309,
-59.0633

■ 197.1780, 6.3212,
-67.6851

■ 50.0500, 3.9194,
-43.8939

■ 221.4820, 8.6364,
-63.5667

■ 34.0410, 0.9658,
-29.8540

■ 232.2760, 11.2029,
-46.7231

■ 18.7330, -1.8404,
-16.4288

■ 240.9470, 6.9281,
-28.8945

■ 0.0000, 0.0000,
0.0000

■ 249.9170, 2.5059,

-10.4512

■ 106.7460, 11.4642,
-83.9692

■ 106.7460, 11.4642,
-83.9692

■ 103.2290, 12.2121,
-90.5318

■ 111.4590, 10.1267,
-74.9475

■ 116.2860, 9.2260,
-66.0258

■ 120.9990, 7.8885,
-57.0041

■ 125.7120, 6.5510,
-47.9824

■ 130.4250, 5.2135,
-38.9607

■ 135.5510, 4.1654,
-29.4242

■ 140.2640, 2.8278,
-20.4025

■ 144.9770, 1.4903,
-11.3808

■ 149.6900, 0.1528,
-2.3591

Harmonies

Analogous

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



122.7510, -12.6952, -34.8616



106.7460, 11.4642, -83.9692



107.3330, 27.9368, -94.1310

Triad

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



106.7460, 11.4642, -83.9692



135.7310, 28.2336, -2.3951



133.5760, -26.9060, 43.3448

Complementary

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



106.7460, 11.4642, -83.9692



55.2540, -11.4642, 83.9692

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.



134.5570, -14.5716, 53.8855



106.7460, 11.4642, -83.9692



138.0250, 15.7637, 30.6731

Square

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



106.7460, 11.4642, -83.9692



125.6330, 36.6629, -46.1591



136.5470, 0.7163, 50.3863



131.3640, -32.2245, 22.4828

Rectangle

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



106.7460, 11.4642, -83.9692



107.6240, 36.6674, -94.3862



136.5470, 0.7163, 50.3863



133.8200, -23.5753, 48.3929

Sweetspot

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



106.7460, 11.4642, -83.9692



178.6430, 4.6130, -33.0129



99.4590, -43.6103, -59.1615



88.5630, 2.6804, -19.7878



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



106.7460, 11.4642, -83.9692



134.0900, 16.2246, -117.5969



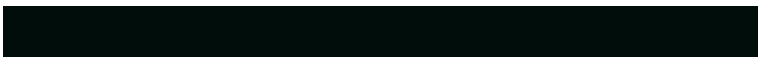
81.5510, 34.2384, -61.8732



74.3800, 0.3057, -4.7183



95.7460, 11.4642, -83.9692



8.8850, 1.0427, -7.7921

Inverse Universe

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



55.2540, -11.4642, 83.9692



61.9100, -16.2246, 117.5969



81.6230, -34.8171, 60.8436



71.5060, -0.7425, 4.8182



44.2540, -11.4642, 83.9692



4.1150, -1.0427, 7.7921

Previews

White Background



This preview shows how the YUV color 106.7460, 11.4642, -83.9692 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 106.7460, 11.4642, -83.9692 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

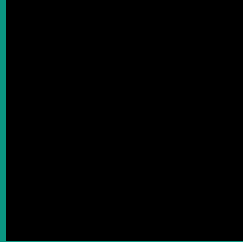
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 106.7460, 11.4642, -83.9692

Background



This preview shows how black text looks on a background with the YUV color 106.7460, 11.4642, -83.9692.



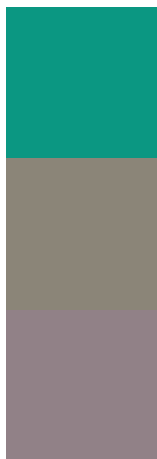
This preview shows how white text looks on a background with the YUV color 106.7460, 11.4642, -83.9692.

-83.9692.

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

106.7460, 11.4642, -83.9692

Protanopia

133.3120, -6.5628, 4.9884

Deuteranopia

134.4680, 0.2623, 9.2366



Tritanopia

116.9730, 20.7193, -65.7513

Trichromacy



Original Color

106.7460, 11.4642, -83.9692

Protanomaly

123.8240, 0.0868, -27.9096

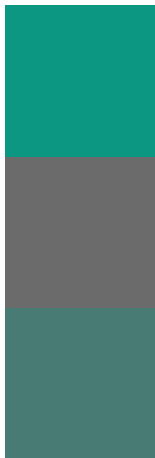
Deuteranomaly

124.2850, 4.2965, -24.8059

Tritanomaly

113.0170, 17.2466, -71.9289

Monochromacy



Original Color

106.7460, 11.4642, -83.9692

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

106.8390, 4.0234, -30.5538

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.7460, 11.4642, -83.9692 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(11, 151, 130)` looks like.

```
.text, #text, p{  
    color:rgb(11, 151, 130)  
}
```

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(11, 151, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 151, 130) }
```

Border

The CSS property to change the border of an element to YUV 106.7460, 11.4642, -83.9692 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(11, 151, 130) }
```


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

```
.border{ border-color:rgb(11, 151, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(11, 151, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 151, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 151, 130);  
box-shadow:4px 4px 4px 4px rgb(11, 151,  
130) }
```

Background

The CSS property to change the background color of an element to YUV 106.7460, 11.4642, -83.9692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 151, 130) }
```

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

```
.background{ background-color: rgb(11, 151,  
130) }
```

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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