

Converting Colors

YUV(99.6100, 11.0383,
-87.3580)

Have a look what the booklet for
YUV(99.6100, 11.0383, -87.3580)
contains.

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Color

**YUV(99.6100, 11.0383,
-87.3580)**

Conversions

Conversions Part 1

Format	Color
Hex	00927A
RGB	0, 146, 122
RGB Percent	0%, 57%, 48%
CMY	1.0000, 0.4275, 0.5216
CMYK	1.00, 0.00, 0.16, 0.43
HSL	170°, 100%, 29%
HSV	170°, 100%, 57%
XYZ	13.7917, 21.9629, 21.9247
YIQ	99.6100, -79.3120, -38.4160

Conversions

Conversions Part 2

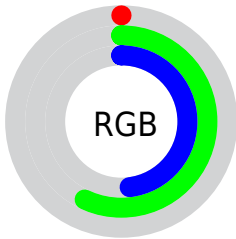
Format	Color
RYB	0, 80, 146
Decimal	37498
CIELab	53.99, -38.93, 3.44
CIELCh	54, 39.080, 174.946
Yxy	21.9629, 0.2391, 0.3808
Android (android.graphics.Color)	4278227578 (0xFF00927A)
YUV	99.6100, 11.0383, -87.3580
Hunter-Lab	46.8646, -29.4825, 5.0675

Details

The YUV color **99.6100, 11.0383, -87.3580** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **46.3900, -11.0383, 87.3580**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.5370, 5.1583, -67.9999**, and **63.5000, 4.6835, -55.6895** is the 20% darker color. If you saturate the color by 10%, you get **99.6100, 11.0383, -87.3580**, and if you desaturate by 10%, it is **104.3230, 9.7008, -78.3363**.

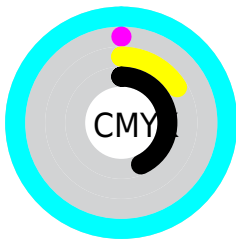
Distribution



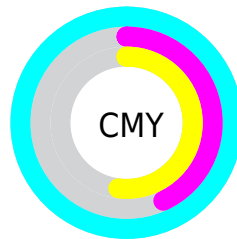
- Red (0%)
- Green (57%)
- Blue (48%)



- Red (0%)
- Yellow (31%)
- Blue (57%)



- Cyan (100%)
- Magenta (0%)
- Yellow (16%)
- Black (43%)



- Cyan (100%)
- Magenta (43%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 99.6100, 11.0383, -87.3580 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 99.6100, 11.0383, -87.3580 by changing the saturation by 10% instead.

■ 99.6100, 11.0383,
-87.3580

■ 99.6100, 11.0383,
-87.3580

■ 255.0000, 0.0000,
0.0000

■ 81.4980, 7.6425,
-71.4737

■ 163.5370, 5.1583,
-67.9999

■ 63.5000, 4.6835,
-55.6895

■ 192.1350, 4.8634,
-66.7704

■ 46.9040, 2.0193,
-41.1348

■ 219.2600, 5.2948,
-65.1260

■ 31.0090, -0.4974,
-27.1949

■ 230.7810, 11.9400,
-49.7969

■ 14.0710, -4.4720,
-12.3403

■ 239.4520, 7.6652,
-31.9684

■ 0.0000, 0.0000,
0.0000

■ 248.4220, 3.2430,

-13.5251

■ 99.6100, 11.0383,
-87.3580

■ 104.3230, 9.7008,
-78.3363

■ 108.8510, 8.9475,
-70.0293

■ 113.5640, 7.6099,
-61.0076

■ 118.0920, 6.8566,
-52.7007

■ 122.8050, 5.5191,
-43.6790

■ 127.5180, 4.1816,
-34.6573

■ 132.0460, 3.4283,
-26.3503

■ 136.7590, 2.0908,
-17.3286

■ 141.2870, 1.3375,
-9.0217

Harmonies

Analogous

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



118.3060, -14.4479, -32.7174



99.6100, 11.0383, -87.3580



103.4860, 25.8894, -90.7572

Triad

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



99.6100, 11.0383, -87.3580



130.0510, 29.5549, -6.1837



128.7010, -26.4746, 44.9892

Complementary

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



99.6100, 11.0383, -87.3580



46.3900, -11.0383, 87.3580

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.



129.4970, -13.5560, 54.8151



99.6100, 11.0383, -87.3580



133.3560, 17.0795, 28.6288

Square

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



99.6100, 11.0383, -87.3580



117.7460, 38.5792, -54.1512



131.8890, 2.0267, 50.0863



126.2610, -32.6667, 24.3271

Rectangle

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



99.6100, 11.0383, -87.3580



104.5920, 35.2041, -91.7272



131.8890, 2.0267, 50.0863



128.7600, -22.5597, 49.3225

Sweetspot

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



99.6100, 11.0383, -87.3580



170.8170, 4.0342, -34.0425



92.8780, -45.7889, -60.4060



83.2640, 2.8278, -20.4025



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



99.6100, 11.0383, -87.3580



128.9550, 14.3192, -113.0935



73.5830, 35.7016, -64.5323



71.7930, 0.5951, -4.2035



94.1160, 10.2958, -82.5397



6.8960, 1.0373, -6.0478

Inverse Universe

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



46.3900, -11.0383, 87.3580



60.0450, -14.3192, 113.0935



72.4170, -35.7016, 64.5323



69.2070, -0.5951, 4.2035



43.8840, -10.2958, 82.5397



3.2180, -0.6005, 5.9478

Previews

White Background



This preview shows how the YUV color 99.6100, 11.0383, -87.3580 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 99.6100, 11.0383, -87.3580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

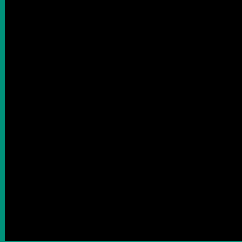
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 99.6100, 11.0383, -87.3580

Background



This preview shows how black text looks on a background with the YUV color 99.6100, 11.0383, -87.3580.



This preview shows how white text looks on a background with the YUV color 99.6100, 11.0383, -87.3580.

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

128.0840, -7.4364, 5.1883

Deuteranopia

129.4250, -1.1955, 10.1513

Tritanopia

113.3540, 19.5455, -62.5775

Trichromacy



Protanomaly

117.8840, -0.9288, -28.8393

Deuteranomaly

118.6440, 3.1335, -25.1208

Tritanomaly

108.2020, 16.6624, -71.2142

Monochromacy



Achromatopsia

100.0000, 0.0000, 0.0000

Achromatomaly

100.1270, 3.8814, -31.6834

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.6100, 11.0383, -87.3580 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, 146, 122)` looks like.

```
.text, #text, p{  
    color:rgb(0, 146, 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(0, 146, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 146, 122) }
```

Border

The CSS property to change the border of an element to YUV 99.6100, 11.0383, -87.3580 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, 146, 122) }
```

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

```
.border{ border-color:rgb(0, 146, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 146, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 146, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 146, 122);  
box-shadow:4px 4px 4px 4px rgb(0, 146,  
122) }
```


Background

The CSS property to change the background color of an element to YUV 99.6100, 11.0383, -87.3580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 146, 122) }
```

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

```
.background{ background-color: rgb(0, 146,  
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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