

Converting Colors

YUV(100.2150, 27.0090,
-76.4876)

Have a look what the booklet for
YUV(100.2150, 27.0090, -76.4876)
contains.

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Color

**YUV(100.2150, 27.0090,
-76.4876)**

Conversions

Conversions Part 1

Format	Color
Hex	0D869B
RGB	13, 134, 155
RGB Percent	5%, 53%, 61%
CMY	0.9490, 0.4745, 0.3922
CMYK	0.92, 0.14, 0.00, 0.39
HSL	189°, 85%, 33%
HSV	189°, 92%, 61%
XYZ	14.6075, 19.5023, 34.0048
YIQ	100.2150, -78.8570, -19.1210

Conversions

Conversions Part 2

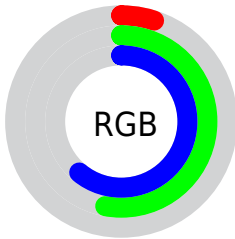
Format	Color
RYB	13, 78, 155
Decimal	886427
CIELab	51.27, -22.13, -19.71
CIElCh	51, 29.637, 221.687
Yxy	19.5023, 0.2145, 0.2863
Android (android.graphics.Color)	4279076507 (0xFF0D869B)
YUV	100.2150, 27.0090, -76.4876
Hunter-Lab	44.1614, -18.2393, -14.7409

Details

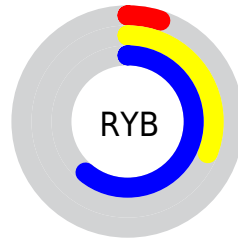
The YUV color **100.2150, 27.0090, -76.4876** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **67.7850, -27.0090, 76.4876**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.8040, 23.7606, -61.2181**, and **61.1640, 21.1181, -53.6408** is the 20% darker color. If you saturate the color by 10%, you get **95.1540, 29.5041, -83.4501**, and if you desaturate by 10%, it is **106.1730, 24.0717, -67.6807**.

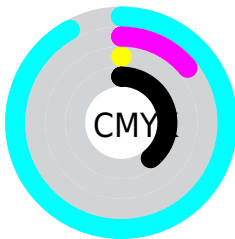
Distribution



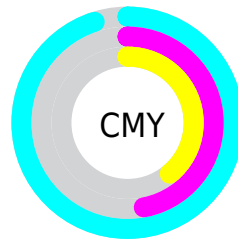
- Red (5%)
- Green (53%)
- Blue (61%)



- Red (5%)
- Yellow (31%)
- Blue (61%)



- Cyan (92%)
- Magenta (14%)
- Yellow (0%)
- Black (39%)



- Cyan (95%)
- Magenta (47%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 100.2150, 27.0090, -76.4876 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 100.2150, 27.0090, -76.4876 by changing the saturation by 10% instead.

■ 100.2150, 27.0090,
-76.4876

■ 100.2150, 27.0090,
-76.4876

■ 255.0000, 0.0000,
0.0000

■ 78.6890, 24.8033,
-69.0103

■ 160.8040, 23.7606,
-61.2181

■ 61.1640, 21.1181,
-53.6408

■ 189.5160, 23.9026,
-60.0885

■ 44.9270, 17.2910,
-39.4010

■ 217.1480, 18.6610,
-58.8888

■ 28.8040, 13.9006,
-25.2611

■ 232.2760, 11.2029,
-46.7231

■ 10.4470, 12.1046,
-9.1620

■ 241.2460, 6.7807,
-28.2797

■ 1.2540, 4.8048,
-1.0998

■ 250.2160, 2.3585,

■ 0.0000, 0.0000,

-9.8364

0.0000

■ 100.2150, 27.0090,
-76.4876

■ 100.2150, 27.0090,
-76.4876

■ 95.1540, 29.5041,
-83.4501

■ 106.1730, 24.0717,
-67.6807

■ 112.4190, 20.9924,
-60.0035

■ 118.3770, 18.0551,
-51.1966

■ 124.0360, 15.2653,
-43.0046

■ 129.9940, 12.3280,
-34.1977

■ 136.2400, 9.2487,
-26.5205

■ 142.1980, 6.3114,
-17.7136

■ 147.8570, 3.5215,
-9.5216

■ 154.4020, 0.2948,
-1.2296

Harmonies

Analogous

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



104.4480, 13.5831, -63.5369



100.2150, 27.0090, -76.4876



112.4450, 28.3746, -47.7483

Triad

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



100.2150, 27.0090, -76.4876



125.3320, 6.7383, 32.1578



119.5670, -23.4505, 8.2727

Complementary

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



100.2150, 27.0090, -76.4876



67.7850, -27.0090, 76.4876

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.



121.3890, -23.3628, 26.8458



100.2150, 27.0090, -76.4876



123.8850, -5.3663, 41.3199

Square

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



100.2150, 27.0090, -76.4876



125.2460, 17.1337, 11.1853



123.0020, -16.2700, 38.5862



115.9710, -16.2547, -13.1296

Rectangle

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



100.2150, 27.0090, -76.4876



118.7080, 26.2730, -26.9309



123.0020, -16.2700, 38.5862



120.0840, -24.1984, 14.8353

Sweetspot

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



100.2150, 27.0090, -76.4876



180.1580, 10.2751, -29.0796



98.5200, -32.7944, -75.0010



89.1980, 6.3114, -17.7136



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



100.2150, 27.0090, -76.4876



123.8780, 38.0211, -108.6410



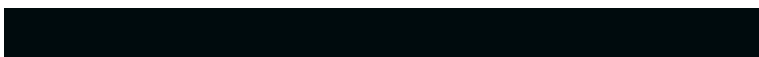
59.7120, 46.9770, -40.9664



73.4340, 1.7580, -3.8886



86.4000, 26.4248, -75.7728



7.9390, 2.4951, -6.9625

Inverse Universe

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



69.2520, 31.9208, 75.2010



79.7070, 45.5004, 106.3740



108.2880, -46.9770, 40.9664



72.0760, 1.4415, 4.3183



55.5400, 31.7788, 74.0714



5.1410, 2.8885, 6.8923

Previews

White Background



This preview shows how the YUV color 100.2150, 27.0090, -76.4876 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 100.2150, 27.0090, -76.4876 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

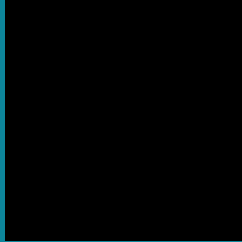
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 100.2150, 27.0090, -76.4876

Background



This preview shows how black text looks on a background with the YUV color 100.2150, 27.0090, -76.4876.

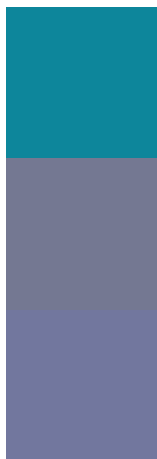


This preview shows how white text looks on a background with the YUV color 100.2150, 27.0090, -76.4876.

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

100.2150, 27.0090, -76.4876

Protanopia

121.7680, 11.9464, -5.0585

Deuteranopia

121.9510, 17.7722, -6.9730



Tritanopia

95.8890, 24.7047, -84.0947

Trichromacy



Original Color

100.2150, 27.0090, -76.4876

Protanomaly

113.9820, 17.2639, -30.6792

Deuteranomaly

113.7090, 21.3425, -32.1938

Tritanomaly

97.7260, 25.2781, -81.3207

Monochromacy



Original Color

100.2150, 27.0090, -76.4876

Achromatopsia

100.0000, 0.0000, 0.0000

Achromatomaly

99.7560, 9.9803, -27.8500

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.2150, 27.0090, -76.4876 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(13, 134, 155)` looks like.

```
.text, #text, p{  
    color:rgb(13, 134, 155)  
}
```

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(13, 134, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 134, 155) }
```

Border

The CSS property to change the border of an element to YUV 100.2150, 27.0090, -76.4876 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(13, 134, 155) }
```


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

```
.border{ border-color:rgb(13, 134, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(13, 134, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 134, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 134, 155);  
box-shadow:4px 4px 4px 4px rgb(13, 134,  
155) }
```

Background

The CSS property to change the background color of an element to YUV 100.2150, 27.0090, -76.4876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 134, 155) }
```

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

```
.background{ background-color: rgb(13, 134,  
155) }
```

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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