

Converting Colors

YUV(112.9940, 18.7370,
-83.3097)

Have a look what the booklet for
YUV(112.9940, 18.7370, -83.3097)
contains.

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Color

**YUV(112.9940, 18.7370,
-83.3097)**

Conversions

Conversions Part 1

Format	Color
Hex	129A97
RGB	18, 154, 151
RGB Percent	7%, 60%, 59%
CMY	0.9294, 0.3961, 0.4078
CMYK	0.88, 0.00, 0.02, 0.40
HSL	179°, 79%, 34%
HSV	179°, 88%, 60%
XYZ	17.3910, 25.4742, 33.2786
YIQ	112.9940, -80.0930, -29.7650

Conversions

Conversions Part 2

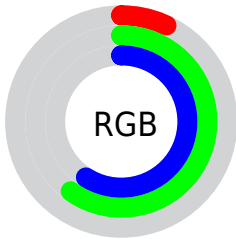
Format	Color
RYB	18, 87, 154
Decimal	1219223
CIELab	57.53, -33.10, -7.94
CIELCh	58, 34.041, 193.482
Yxy	25.4742, 0.2284, 0.3346
Android (android.graphics.Color)	4279409303 (0xFF129A97)
YUV	112.9940, 18.7370, -83.3097
Hunter-Lab	50.4719, -26.8207, -3.7624

Details

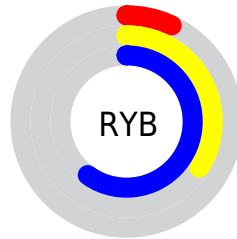
The YUV color **112.9940, 18.7370, -83.3097** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **59.0060, -18.7370, 83.3097**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.4580, 15.0572, -69.6847**, and **71.2740, 14.1619, -62.5073** is the 20% darker color. If you saturate the color by 10%, you get **108.5090, 20.9481, -92.5314**, and if you desaturate by 10%, it is **117.4790, 16.5259, -74.0881**.

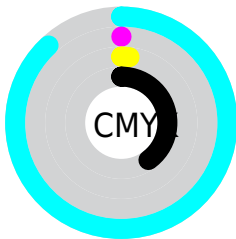
Distribution



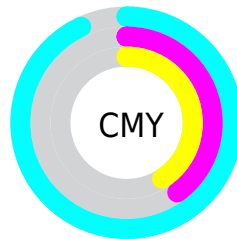
- Red (7%)
- Green (60%)
- Blue (59%)



- Red (7%)
- Yellow (34%)
- Blue (60%)



- Cyan (88%)
- Magenta (0%)
- Yellow (2%)
- Black (40%)



- Cyan (93%)
- Magenta (40%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.9940, 18.7370, -83.3097 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 112.9940, 18.7370, -83.3097 by changing the saturation by 10% instead.

■ 112.9940, 18.7370,
-83.3097

■ 112.9940, 18.7370,
-83.3097

■ 255.0000, 0.0000,
0.0000

■ 89.3860, 17.5577,
-78.3915

■ 174.4580, 15.0572,
-69.6847

■ 71.2740, 14.1619,
-62.5073

■ 203.0560, 14.7624,
-68.4551

■ 53.8630, 10.9135,
-47.2379

■ 225.1000, 14.7407,
-61.4777

■ 37.8540, 7.9600,
-33.1980

■ 233.7710, 10.4659,
-43.6492

■ 23.6060, 4.1382,
-20.7025

■ 242.7410, 6.0437,
-25.2059

■ 1.0260, 3.9312,
-0.8998

■ 251.7110, 1.6215,

■ 0.0000, 0.0000,

-6.7625

0.0000

■ 112.9940, 18.7370,
-83.3097

■ 112.9940, 18.7370,
-83.3097

■ 108.5090, 20.9481,
-92.5314

■ 117.4790, 16.5259,
-74.0881

■ 107.6120, 21.3903,
-94.3757

■ 122.3770, 14.6041,
-64.3516

■ 126.8620, 12.3930,
-55.1300

■ 131.6460, 10.0345,
-45.2935

■ 136.2450, 8.2602,
-36.1719

■ 140.7300, 6.0491,
-26.9502

■ 145.5140, 3.6906,
-17.1138

■ 150.1130, 1.9163,
-7.9921

■ 154.8970, -0.4422,
1.8443

Harmonies

Analogous

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



125.3180, -2.6218, -45.8829



112.9940, 18.7370, -83.3097



109.5160, 33.7626, -96.0455

Triad

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



112.9940, 18.7370, -83.3097



141.8380, 19.3069, 14.1741



137.5590, -27.8836, 30.2048

Complementary

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



112.9940, 18.7370, -83.3097



59.0060, -18.7370, 83.3097

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.



139.1230, -19.7806, 44.6191



112.9940, 18.7370, -83.3097



142.0770, 6.8640, 38.5205

Square

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



112.9940, 18.7370, -83.3097



137.4470, 28.8666, -18.8090



140.4730, -7.1352, 48.6972



134.8290, -27.5237, 8.0430

Rectangle

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



112.9940, 18.7370, -83.3097



120.6100, 34.7023, -70.6950



140.4730, -7.1352, 48.6972



137.8740, -25.5739, 36.0675

Sweetspot

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



112.9940, 18.7370, -83.3097



185.3380, 7.2284, -31.8684



99.3270, -40.0942, -66.9388



92.3180, 4.2802, -19.5729



230.0000, 0.0000, 0.0000



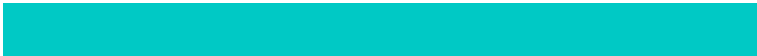
102.0000, 0.0000, 0.0000

Same Dimension

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



112.9940, 18.7370, -83.3097



140.4450, 27.8816, -123.1703



76.3550, 38.2790, -51.1773



74.4940, 0.7425, -4.8182



97.7980, 19.3266, -85.7688



8.9990, 1.4795, -7.8921

Inverse Universe

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



59.0060, -18.7370, 83.3097



60.5550, -27.8816, 123.1703



95.6450, -38.2790, 51.1773



71.3920, -1.1793, 4.9182



42.2020, -19.3266, 85.7688



3.8870, -1.9163, 7.9921

Previews

White Background



This preview shows how the YUV color 112.9940, 18.7370, -83.3097 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 112.9940, 18.7370, -83.3097 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 112.9940, 18.7370, -83.3097

Background



This preview shows how black text looks on a background with the YUV color 112.9940, 18.7370, -83.3097.

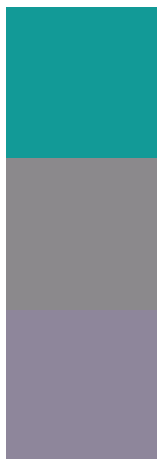


This preview shows how white text looks on a background with the YUV color 112.9940, 18.7370,

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

112.9940, 18.7370, -83.3097

Protanopia

137.9400, 1.0156, 0.9296

Deuteranopia

138.7860, 7.9935, 2.8187



Tritanopia

118.3850, 22.4882, -73.1286

Trichromacy



Original Color

112.9940, 18.7370, -83.3097

Protanomaly

128.7620, 7.5123, -29.6093

Deuteranomaly

129.3260, 12.1643, -28.3499

Tritanomaly

116.6080, 20.8993, -76.8322

Monochromacy



Original Color

112.9940, 18.7370, -83.3097

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

112.9360, 6.9336, -30.6389

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.9940, 18.7370, -83.3097 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(18, 154, 151)` looks like.

```
.text, #text, p{  
    color:rgb(18, 154, 151)  
}
```

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(18, 154, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 154, 151) }
```

Border

The CSS property to change the border of an element to YUV 112.9940, 18.7370, -83.3097 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(18, 154, 151) }
```


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

```
.border{ border-color:rgb(18, 154, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 154, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 154, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 154, 151);  
box-shadow:4px 4px 4px 4px rgb(18, 154,  
151) }
```

Background

The CSS property to change the background color of an element to YUV 112.9940, 18.7370, -83.3097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 154, 151) }
```

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

```
.background{ background-color: rgb(18, 154,  
151) }
```

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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