

Converting Colors

YUV(97.3130, 8.2267, -72.1885)

Have a look what the booklet for
YUV(97.3130, 8.2267, -72.1885)
contains.

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Color

**YUV(97.3130, 8.2267,
-72.1885)**

Conversions

Conversions Part 1

Format	Color
Hex	0F8872
RGB	15, 136, 114
RGB Percent	6%, 53%, 45%
CMY	0.9412, 0.4667, 0.5529
CMYK	0.89, 0.00, 0.16, 0.47
HSL	169°, 80%, 30%
HSV	169°, 89%, 53%
XYZ	12.0384, 18.9248, 18.9379
YIQ	97.3130, -65.0540, -32.4940

Conversions

Conversions Part 2

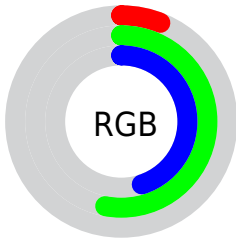
Format	Color
R_{YB}	15, 82, 136
Decimal	1017970
CIE _{Lab}	50.60, -35.96, 3.19
CIE _{LCh}	51, 36.106, 174.938
Yxy	18.9248, 0.2412, 0.3792
Android (android.graphics.Color)	4279208050 (0xFF0F8872)
YUV	97.3130, 8.2267, -72.1885
Hunter-Lab	43.5026, -26.7335, 4.6412

Details

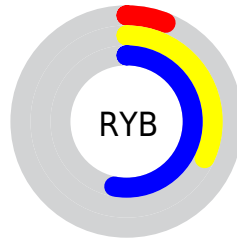
The YUV color **97.3130, 8.2267, -72.1885** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **53.6870, -8.2267, 72.1885**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.4670, 4.6998, -60.9226**, and **57.4190, 4.2304, -50.3565** is the 20% darker color. If you saturate the color by 10%, you get **92.8990, 9.4168, -80.5954**, and if you desaturate by 10%, it is **101.7270, 7.0366, -63.7816**.

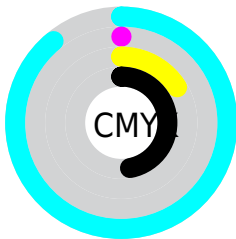
Distribution



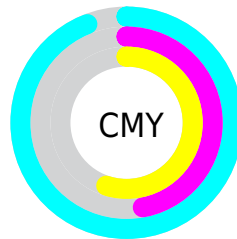
- Red (6%)
- Green (53%)
- Blue (45%)



- Red (6%)
- Yellow (32%)
- Blue (53%)



- Cyan (89%)
- Magenta (0%)
- Yellow (16%)
- Black (47%)



- Cyan (94%)
- Magenta (47%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 97.3130, 8.2267, -72.1885 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 97.3130, 8.2267, -72.1885 by changing the saturation by 10% instead.

■ 97.3130, 8.2267,
-72.1885

■ 97.3130, 8.2267,
-72.1885

■ 255.0000, 0.0000,
0.0000

■ 74.8300, 7.4788,
-65.6259

■ 156.4670, 4.6998,
-60.9226

■ 57.4190, 4.2304,
-50.3565

■ 184.3530, 4.2630,
-60.8226

■ 40.8230, 1.5663,
-35.8018

■ 213.2390, 3.8262,
-60.7226

■ 26.2160, -1.0925,
-22.9914

■ 229.7980, 9.4666,
-49.8118

■ 2.3480, -1.1576,
-2.0592

■ 239.1530, 7.8126,
-32.5832

■ 0.0000, 0.0000,
0.0000

■ 247.8240, 3.5378,

-14.7546

■ 97.3130, 8.2267,
-72.1885

■ 97.3130, 8.2267,
-72.1885

■ 92.8990, 9.4168,
-80.5954

■ 101.7270, 7.0366,
-63.7816

■ 92.4860, 9.1274,
-81.1102

■ 105.9560, 6.4307,
-56.0894

■ 110.3700, 5.2406,
-47.6825

■ 114.5990, 4.6347,
-39.9903

■ 119.0130, 3.4446,
-31.5834

■ 123.5410, 2.6913,
-23.2765

■ 127.6560, 1.6486,
-15.4843

■ 132.1840, 0.8953,
-7.1774

■ 136.2990, -0.1474,
0.6148

Harmonies

Analogous

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



110.6700, -13.1483, -29.5286



97.3130, 8.2267, -72.1885



96.3620, 23.9785, -84.5095

Triad

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



97.3130, 8.2267, -72.1885



121.3670, 26.9341, -5.5839



120.2490, -24.2798, 41.0006

Complementary

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



97.3130, 8.2267, -72.1885



53.6870, -8.2267, 72.1885

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.



121.1050, -12.3768, 49.8969



97.3130, 8.2267, -72.1885



124.2910, 15.6325, 26.0548

Square

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



97.3130, 8.2267, -72.1885



110.7530, 34.6318, -48.0184



123.1550, 1.8956, 45.4681



118.3470, -29.7511, 22.4977

Rectangle

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



97.3130, 8.2267, -72.1885



97.2400, 32.4197, -85.2795



123.1550, 1.8956, 45.4681



120.1940, -20.8016, 45.4339

Sweetspot

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



97.3130, 8.2267, -72.1885



160.6220, 3.1444, -28.6095



92.6050, -38.2593, -48.7656



80.0580, 1.9434, -16.7139



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



97.3130, 8.2267, -72.1885



119.7280, 11.9661, -105.0015



77.5150, 28.8331, -54.8257



66.7930, 0.5951, -4.2035



90.3830, 8.6852, -79.2659



3.3910, 0.3002, -2.9739

Inverse Universe

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



53.6870, -8.2267, 72.1885



56.2720, -11.9661, 105.0015



73.4850, -28.8331, 54.8257



64.2070, -0.5951, 4.2035



42.5030, -9.1220, 79.3659



1.6090, -0.3002, 2.9739

Previews

White Background



This preview shows how the YUV color 97.3130, 8.2267, -72.1885 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 97.3130, 8.2267, -72.1885 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

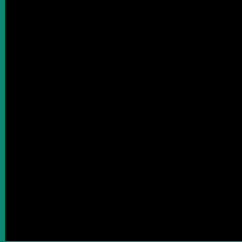
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 97.3130, 8.2267, -72.1885

Background



This preview shows how black text looks on a background with the YUV color 97.3130, 8.2267, -72.1885.



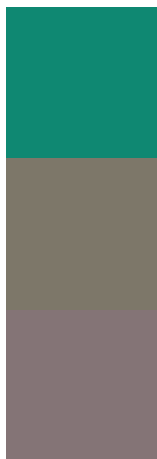
This preview shows how white text looks on a background with the YUV color 97.3130, 8.2267, -72.1885.

-72.1885.

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

97.3130, 8.2267, -72.1885

Protanopia

119.1980, -6.9996, 5.0884

Deuteranopia

121.0120, -1.4849, 9.6365



Tritanopia

106.0450, 18.2188, -57.0445

Trichromacy



Original Color

97.3130, 8.2267, -72.1885

Protanomaly

111.1020, -1.5293, -22.8915

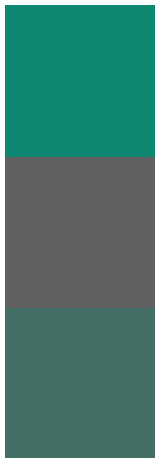
Deuteranomaly

112.1500, 2.3910, -20.3026

Tritanomaly

102.6870, 14.4513, -61.9925

Monochromacy



Original Color

97.3130, 8.2267, -72.1885

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

96.9320, 2.9915, -26.2504

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.3130, 8.2267, -72.1885 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(15, 136, 114)` looks like.

```
.text, #text, p{  
    color:rgb(15, 136, 114)  
}
```

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(15, 136, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 136, 114) }
```

Border

The CSS property to change the border of an element to YUV 97.3130, 8.2267, -72.1885 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(15, 136, 114) }
```


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

```
.border{ border-color:rgb(15, 136, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 136, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(15, 136, 114); -webkit-box-shadow:4px 4px 4px 4px rgb(15, 136, 114); box-shadow:4px 4px 4px 4px rgb(15, 136, 114) }
```

Background

The CSS property to change the background color of an element to YUV 97.3130, 8.2267, -72.1885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 136, 114) }
```

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

```
.background{ background-color: rgb(15, 136,  
114) }
```

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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