

Converting Colors

YUV(128.1870, -7.4872,
-72.0780)

Have a look what the booklet for
YUV(128.1870, -7.4872, -72.0780)
contains.

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Color

**YUV(128.1870, -7.4872,
-72.0780)**

Conversions

Conversions Part 1

Format	Color
Hex	2EAD71
RGB	46, 173, 113
RGB Percent	18%, 68%, 44%
CMY	0.8196, 0.3216, 0.5569
CMYK	0.73, 0.00, 0.35, 0.32
HSL	152°, 58%, 43%
HSV	152°, 73%, 68%
XYZ	19.0509, 31.6602, 20.7297
YIQ	128.1870, -56.4320, -45.5840

Conversions

Conversions Part 2

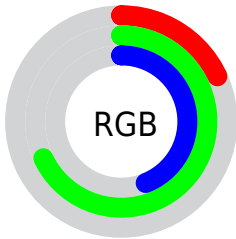
Format	Color
RYB	46, 129, 173
Decimal	3059057
CIELab	63.06, -48.17, 21.26
CIELCh	63, 52.648, 156.187
Yxy	31.6602, 0.2667, 0.4432
Android (android.graphics.Color)	4281249137 (0xFF2EAD71)
YUV	128.1870, -7.4872, -72.0780
Hunter-Lab	56.2674, -38.0318, 17.5439

Details

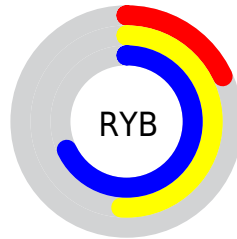
The YUV color **128.1870, -7.4872, -72.0780** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **90.8130, 7.4872, 72.0780**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.1230, -10.4136, -66.7599**, and **77.1490, -6.4825, -67.6597** is the 20% darker color. If you saturate the color by 10%, you get **122.1920, -8.4757, -81.7294**, and if you desaturate by 10%, it is **134.1820, -6.4987, -62.4266**.

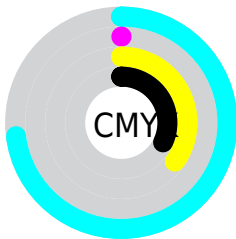
Distribution



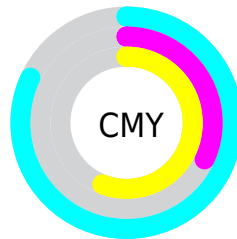
- Red (18%)
- Green (68%)
- Blue (44%)



- Red (18%)
- Yellow (51%)
- Blue (68%)



- Cyan (73%)
- Magenta (0%)
- Yellow (35%)
- Black (32%)



- Cyan (82%)
- Magenta (32%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 128.1870, -7.4872, -72.0780 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 128.1870, -7.4872, -72.0780 by changing the saturation by 10% instead.

■ 128.1870, -7.4872,
-72.0780

■ 128.1870, -7.4872,
-72.0780

■ 255.0000, 0.0000,
0.0000

■ 95.7340, -3.8129,
-83.9587

■ 186.1230,
-10.4136, -66.7599

■ 77.1490, -6.4825,
-67.6597

■ 213.1340,
-10.4191, -65.0155

■ 59.9660, -8.8572,
-52.5902

■ 224.9970, -2.4635,
-49.9864

■ 42.7830, -11.2320,
-37.5207

■ 237.2730, 5.7814,
-34.4424

■ 27.0020, -13.3120,
-23.6808

■ 246.6280, 4.1274,
-17.2138

■ 11.1530, -5.4984,
-9.7812

■ 0.0000, 0.0000,

0.0000

■ 128.1870, -7.4872,
-72.0780

■ 128.1870, -7.4872,
-72.0780

■ 122.1920, -8.4757,
-81.7294

■ 134.1820, -6.4987,
-62.4266

■ 115.8980, -9.3167,
-91.9955

■ 140.4760, -5.6577,
-52.1605

■ 111.9250,
-10.3160, -98.1582

■ 146.5850, -4.2324,
-42.6090

■ 152.5800, -3.2439,
-32.9577

■ 158.8740, -2.4029,
-22.6915

■ 164.8690, -1.4144,
-13.0401

■ 170.8640, -0.4260,
-3.3887

■ 176.8590, 0.5625,
6.2627

■ 183.2670, 1.8404,
16.4288

Harmonies

Analogous

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



141.6440, -33.8415, -18.9818



128.1870, -7.4872, -72.0780



121.6660, 19.3917, -106.7011

Triad

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



128.1870, -7.4872, -72.0780



142.6610, 50.9461, -54.0767



151.2190, -25.2510, 72.5989

Complementary

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



128.1870, -7.4872, -72.0780



90.8130, 7.4872, 72.0780

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.



152.8490, -3.8696, 74.6774



128.1870, -7.4872, -72.0780



156.0560, 35.4684, 10.4749

Square

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



128.1870, -7.4872, -72.0780



125.7480, 55.3402, -110.2810



156.2220, 17.1456, 54.1793



149.8470, -41.3366, 51.8772

Rectangle

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



128.1870, -7.4872, -72.0780



124.7270, 33.6586, -109.3856



156.2220, 17.1456, 54.1793



151.6630, -18.5679, 75.7175

Sweetspot

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



128.1870, -7.4872, -72.0780



206.7270, -2.8234, -27.8246



138.7880, -45.7445, -27.8781



101.7330, -1.8404, -16.4288



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



128.1870, -7.4872, -72.0780



154.4950, -11.5830, -111.8131



133.8530, 19.2995, -77.0471



83.8530, -0.4205, -5.1331



97.0560, -8.9016, -85.1181



14.8690, -1.4144, -13.0401

Inverse Universe

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



90.8130, 7.4872, 72.0780



96.5050, 11.5830, 111.8131



85.1470, -19.2995, 77.0471



81.1470, 0.4205, 5.1331



52.9440, 8.9016, 85.1181



8.1310, 1.4144, 13.0401

Previews

White Background



This preview shows how the YUV color 128.1870, -7.4872, -72.0780 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 128.1870, -7.4872, -72.0780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

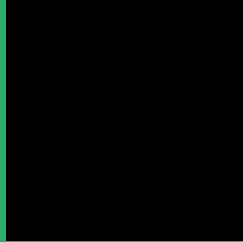
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 128.1870, -7.4872, -72.0780 Background



This preview shows how black text looks on a background with the YUV color 128.1870, -7.4872, -72.0780.



This preview shows how white text looks on a background with the YUV color 128.1870, -7.4872, -72.0780.

-72.0780.

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

128.1870, -7.4872, -72.0780

Protanopia

149.5290, -22.4458, 12.6911

Deuteranopia

151.6040, -16.0738, 22.2723



Tritanopia

139.2730, 19.0924, -57.2444

Trichromacy



Original Color

128.1870, -7.4872, -72.0780



Protanomaly

141.7100, -17.1120, -18.1627



Deuteranomaly

142.8940, -12.7657, -12.1850



Tritanomaly

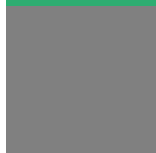
135.3080, 9.2152, -62.5371

Monochromacy



Original Color

128.1870, -7.4872, -72.0780



Achromatopsia

128.0000, 0.0000, 0.0000



Achromatomaly

127.8520, -2.3920, -26.1802

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.1870, -7.4872, -72.0780 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(46, 173, 113)` looks like.

```
.text, #text, p{  
    color:rgb(46, 173, 113)  
}
```

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(46, 173, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 173, 113) }
```

Border

The CSS property to change the border of an element to YUV 128.1870, -7.4872, -72.0780 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(46, 173, 113) }
```


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

```
.border{ border-color:rgb(46, 173, 113) }
```

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

Here you see how a box with a 4 pixel rgb(46, 173, 113) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 173, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 173, 113);  
box-shadow:4px 4px 4px 4px rgb(46, 173,  
113) }
```

Background

The CSS property to change the background color of an element to YUV 128.1870, -7.4872, -72.0780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 173, 113) }
```

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

```
.background{ background-color: rgb(46, 173,  
113) }
```

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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