

Converting Colors

YUV(171.8570, -30.0025,
9.7724)

Have a look what the booklet for
YUV(171.8570, -30.0025, 9.7724)
contains.

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Color

**YUV(171.8570, -30.0025,
9.7724)**

Conversions

Conversions Part 1

Format	Color
Hex	B7B26F
RGB	183, 178, 111
RGB Percent	72%, 70%, 44%
CMY	0.2824, 0.3020, 0.5647
CMYK	0.00, 0.03, 0.39, 0.28
HSL	56°, 33%, 58%
HSV	56°, 39%, 72%
XYZ	38.3181, 43.0558, 21.3299
YIQ	171.8570, 24.4870, -19.7770

Conversions

Conversions Part 2

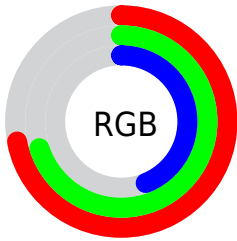
Format	Color
RYB	116, 183, 111
Decimal	12038767
CIELab	71.59, -8.19, 34.87
CIELCh	72, 35.815, 103.216
Yxy	43.0558, 0.3731, 0.4192
Android (android.graphics.Color)	4290228847 (0xFFB7B26F)
YUV	171.8570, -30.0025, 9.7724
Hunter-Lab	65.6169, -10.5915, 26.6586

Details

The YUV color **171.8570, -30.0025, 9.7724** is a light color, and the websafe version is hex **999966**. A complement of this color would be **122.1430, 30.0025, -9.7724**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.8140, -31.4603, 10.6871**, and **119.6010, -28.3973, 8.2429** is the 20% darker color. If you saturate the color by 10%, you get **169.2180, -37.5755, 12.0868**, and if you desaturate by 10%, it is **174.4960, -22.4295, 7.4580**.

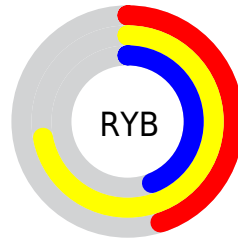
Distribution



Red (72%)

Green (70%)

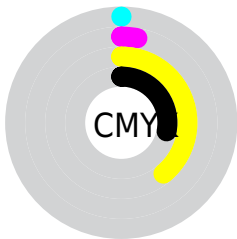
Blue (44%)



Red (45%)

Yellow (72%)

Blue (44%)

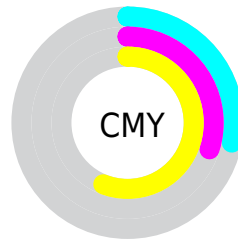


Cyan (0%)

Magenta (3%)

Yellow (39%)

Black (28%)



Cyan (28%)

Magenta (30%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.8570, -30.0025, 9.7724 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 171.8570, -30.0025, 9.7724 by changing the saturation by 10% instead.

■ 171.8570,
-30.0025, 9.7724

■ 171.8570,
-30.0025, 9.7724

255.0000, 0.0000,
0.0000

■ 144.7860,
-28.9815, 8.9577

■ 227.8140,
-31.4603, 10.6871

■ 119.6010,
-28.3973, 8.2429

■ 247.7040,
-27.9551, 6.3986

■ 94.4160, -27.8131,
7.5282

■ 250.8960,
-15.7247, 3.5992

■ 69.8180, -27.5183,
6.2986

■ 254.2020, -3.0576,
0.6998

■ 47.8440, -23.5871,
5.3988

■ 28.3410, -13.9721,
1.4549

■ 6.4570, -3.1833,

-5.6628

■ 0.0000, 0.0000,
0.0000

■ 171.8570,
-30.0025, 9.7724

■ 171.8570,
-30.0025, 9.7724

■ 169.2180,
-37.5755, 12.0868

■ 174.4960,
-22.4295, 7.4580

■ 165.8780,
-45.2959, 15.0160

■ 177.8360,
-14.7091, 4.5288

■ 163.2390,
-52.8688, 17.3304

■ 180.4750, -7.1362,
2.2144

■ 160.6000,
-60.4418, 19.6448

■ 183.1140, 0.4368,
-0.1000

■ 157.9610,
-68.0148, 21.9592

■ 185.8670, 8.4466,
-2.5144

■ 154.6210,
-75.7352, 24.8884

■ 189.0930, 15.7302,
-5.3436

■ 154.5070,
-76.1720, 24.9884

■ 191.7320, 23.3031,
-7.6580

■ 194.1430, 30.0025,
-9.7724

■ 194.7300, 29.7131,
-10.2872

Harmonies

Analogous

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



174.5980, -30.3678, 33.6786



171.8570, -30.0025, 9.7724



168.2000, -20.3116, -18.5924

Triad

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



171.8570, -30.0025, 9.7724



154.1260, 31.9829, -85.1795



180.2130, 7.2900, 41.9092

Complementary

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



171.8570, -30.0025, 9.7724



122.1430, 30.0025, -9.7724

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.



179.7180, 21.3380, 16.0333



171.8570, -30.0025, 9.7724



164.9260, 35.5325, -56.9401

Square

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



171.8570, -30.0025, 9.7724



154.8700, 16.8261, -77.0620



175.1310, 31.4874, -19.4089



178.8650, -8.3144, 53.6154

Rectangle

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



171.8570, -30.0025, 9.7724



163.9400, -9.3374, -38.5354



175.1310, 31.4874, -19.4089



180.1350, 12.2584, 34.9616

Sweetspot

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



171.8570, -30.0025, 9.7724



232.6340, -11.6516, 3.8290



133.2120, -7.9925, 43.6641



117.4750, -7.1362, 2.2144



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



171.8570, -30.0025, 9.7724



219.6500, -46.1695, 15.2159



165.8220, -27.0272, -11.2449



90.3870, -3.6418, 1.4146



131.7590, -64.9572, 21.2594



23.6340, -11.6516, 3.8290

Inverse Universe

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



122.1430, 30.0025, -9.7724



142.7630, 46.4588, -14.7012



128.1780, 27.0272, 11.2449



84.0260, 3.9312, -0.8998



24.2410, 64.9572, -21.2594



4.3660, 11.6516, -3.8290

Previews

White Background



This preview shows how the YUV color 171.8570, -30.0025, 9.7724 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 171.8570, -30.0025, 9.7724 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

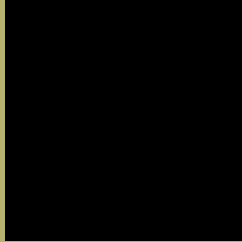
Any Text WCAG AA ✓ Pass

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 171.8570, -30.0025, 9.7724 Background



This preview shows how black text looks on a background with the YUV color 171.8570, -30.0025, 9.7724.



This preview shows how white text looks on a background with the YUV color 171.8570, -30.0025,

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

171.8570, -30.0025, 9.7724

Protanopia

172.3740, -30.7504, 16.3350

Deuteranopia

174.5870, -30.3624, 31.9342



Tritanopia

177.1740, 2.8722, 12.1254

Trichromacy



Original Color

171.8570, -30.0025, 9.7724

Protanomaly

172.0640, -30.5976, 13.9759

Deuteranomaly

173.8310, -30.4827, 23.8272

Tritanomaly

175.0740, -8.9105, 11.3361

Monochromacy



Original Color

171.8570, -30.0025, 9.7724

Achromatopsia

172.0000, 0.0000, 0.0000

Achromatomaly

171.8620, -10.7780, 3.6290

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.8570, -30.0025, 9.7724 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(183, 178, 111)` looks like.

```
.text, #text, p{  
    color:rgb(183, 178, 111)  
}
```

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(183, 178, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 178, 111) }
```

Border

The CSS property to change the border of an element to YUV 171.8570, -30.0025, 9.7724 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(183, 178, 111) }
```


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

```
.border{ border-color:rgb(183, 178, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 178, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 178, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 178, 111);  
box-shadow:4px 4px 4px 4px rgb(183, 178,  
111) }
```

Background

The CSS property to change the background color of an element to YUV 171.8570, -30.0025, 9.7724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 178, 111) }
```

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

```
.background{ background-color: rgb(183,  
178, 111) }
```

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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