

Converting Colors

YUV(151.2970, -17.4014,
-18.6775)

Have a look what the booklet for
YUV(151.2970, -17.4014, -18.6775)
contains.

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Color

**YUV(151.2970, -17.4014,
-18.6775)**

Conversions

Conversions Part 1

Format	Color
Hex	82A974
RGB	130, 169, 116
RGB Percent	51%, 66%, 45%
CMY	0.4902, 0.3373, 0.5451
CMYK	0.23, 0.00, 0.31, 0.34
HSL	104°, 24%, 56%
HSV	104°, 31%, 66%
XYZ	26.5463, 34.3827, 21.7604
YIQ	151.2970, -6.2310, -24.7510

Conversions

Conversions Part 2

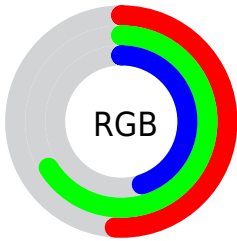
Format	Color
RYB	116, 169, 155
Decimal	8563060
CIELab	65.27, -23.45, 23.18
CIElCh	65, 32.973, 135.329
Yxy	34.3827, 0.3210, 0.4158
Android (android.graphics.Color)	4286753140 (0xFF82A974)
YUV	151.2970, -17.4014, -18.6775
Hunter-Lab	58.6368, -21.8031, 19.0429

Details

The YUV color **151.2970, -17.4014, -18.6775** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **133.7030, 17.4014, 18.6775**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.6560, -18.5644, -18.9923**, and **99.9380, -16.2384, -18.3626** is the 20% darker color. If you saturate the color by 10%, you get **145.7710, -23.0581, -24.3552**, and if you desaturate by 10%, it is **156.8230, -11.7447, -12.9998**.

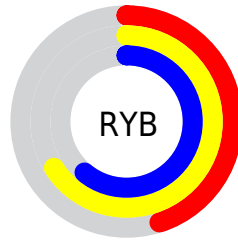
Distribution



Red (51%)

Green (66%)

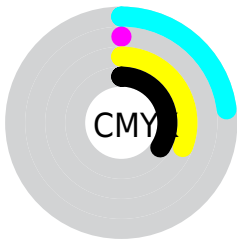
Blue (45%)



Red (45%)

Yellow (66%)

Blue (61%)

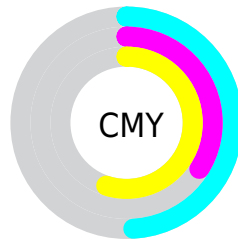


Cyan (23%)

Magenta (0%)

Yellow (31%)

Black (34%)



Cyan (49%)

Magenta (34%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 151.2970, -17.4014, -18.6775 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 151.2970, -17.4014, -18.6775 by changing the saturation by 10% instead.

■ 151.2970,
-17.4014, -18.6775

■ 151.2970,
-17.4014, -18.6775

255.0000, 0.0000,
0.0000

■ 124.8240,
-16.6752, -18.2626

■ 205.6560,
-18.5644, -18.9923

■ 99.9380, -16.2384,
-18.3626

■ 234.2430,
-18.8538, -19.5071

■ 75.4650, -15.5122,
-17.9478

■ 246.9810,
-11.3296, -6.1223

■ 51.6930, -14.6386,
-18.1478

254.7720, -0.8736,
0.2000

■ 29.1060, -14.3493,
-17.6330

■ 15.8490, -7.8136,
-13.8996

■ 0.0000, 0.0000,

0.0000

■ 151.2970,
-17.4014, -18.6775

■ 151.2970,
-17.4014, -18.6775

■ 145.7710,
-23.0581, -24.3552

■ 156.8230,
-11.7447, -12.9998

■ 139.9460,
-28.5674, -30.6476

■ 162.6480, -6.2355,
-6.7073

■ 134.4200,
-34.2241, -36.3253

■ 168.1740, -0.5788,
-1.0296

■ 128.5950,
-39.7333, -42.6178

■ 173.9990, 4.9305,
5.2629

■ 123.0690,
-45.3900, -48.2955

■ 179.4110, 10.1504,
11.0406

■ 117.3580,
-50.4625, -54.6880

■ 185.2360, 15.6597,
17.3330

■ 112.6580,
-55.5404, -59.3361

■ 190.7620, 21.3163,
23.0107

■ 196.2880, 26.9730,
28.6884

■ 200.6310, 26.8039,
36.2806

Harmonies

Analogous

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



154.7580, -26.5027, 7.2282



151.2970, -17.4014, -18.6775



145.9590, -1.4588, -45.5680

Triad

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



151.2970, -17.4014, -18.6775



150.0580, 32.0164, -49.1629



161.1310, -8.4456, 48.9971

Complementary

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



151.2970, -17.4014, -18.6775



133.7030, 17.4014, 18.6775

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.



162.7350, 5.5536, 38.8204



151.2970, -17.4014, -18.6775



158.2410, 27.9822, -15.1204

Square

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



151.2970, -17.4014, -18.6775



139.7960, 29.1876, -75.2431



162.0340, 18.7172, 16.6332



159.5960, -20.5068, 44.2043

Rectangle

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



151.2970, -17.4014, -18.6775



141.6500, 10.5256, -62.8370



162.0340, 18.7172, 16.6332



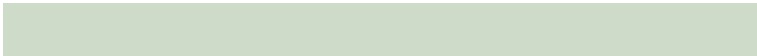
161.6730, -3.7828, 46.7678

Sweetspot

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



151.2970, -17.4014, -18.6775



212.6480, -6.2355, -6.7073



154.7400, -19.0988, 12.5060



105.9410, -3.9149, -4.3333



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



151.2970, -17.4014, -18.6775



191.2990, -27.2624, -29.2032



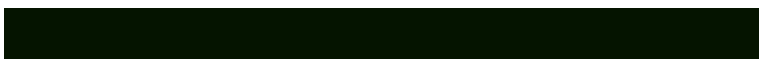
148.4790, -10.0961, -28.4841



81.2940, -2.6099, -2.8888



98.5370, -48.5787, -52.2139



13.2350, -6.5249, -7.2221

Inverse Universe

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



133.7030, 17.4014, 18.6775



163.7010, 27.2624, 29.2032



136.5210, 10.0961, 28.4841



78.7060, 2.6099, 2.8888



49.4630, 48.5787, 52.2139



6.7650, 6.5249, 7.2221

Previews

White Background



This preview shows how the YUV color 151.2970, -17.4014, -18.6775 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 151.2970, -17.4014, -18.6775 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

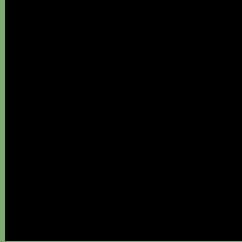
Any Text WCAG AA ✓ Pass

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 151.2970, -17.4014, -18.6775 Background



This preview shows how black text looks on a background with the YUV color 151.2970, -17.4014, -18.6775.



This preview shows how white text looks on a background with the YUV color 151.2970, -17.4014, -18.6775.

-18.6775.

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

151.2970, -17.4014, -18.6775

Protanopia

156.2300, -22.2984, 12.0763

Deuteranopia

157.9310, -18.7000, 24.6165



Tritanopia

156.7900, 8.4845, -14.7248

Trichromacy



Original Color

151.2970, -17.4014, -18.6775

Protanomaly

154.3210, -20.3713, 0.5955

Deuteranomaly

155.9460, -18.2144, 8.8174

Tritanomaly

154.9610, -0.9668, -16.6288

Monochromacy



Original Color

151.2970, -17.4014, -18.6775

Achromatopsia

151.0000, 0.0000, 0.0000

Achromatomaly

151.2350, -6.5249, -7.2221

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.2970, -17.4014, -18.6775 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(130, 169, 116)` looks like.

```
.text, #text, p{  
    color:rgb(130, 169, 116)  
}
```

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(130, 169, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 169, 116) }
```

Border

The CSS property to change the border of an element to YUV 151.2970, -17.4014, -18.6775 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(130, 169, 116) }
```


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

```
.border{ border-color:rgb(130, 169, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 169, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 169, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 169, 116);  
box-shadow:4px 4px 4px 4px rgb(130, 169,  
116) }
```

Background

The CSS property to change the background color of an element to YUV 151.2970, -17.4014, -18.6775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 169, 116) }
```

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

```
.background{ background-color: rgb(130,  
169, 116) }
```

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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