

Converting Colors

YUV(146.3070, -15.9274,
-24.8252)

Have a look what the booklet for
YUV(146.3070, -15.9274, -24.8252)
contains.

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Color

**YUV(146.3070, -15.9274,
-24.8252)**

Conversions

Conversions Part 1

Format	Color
Hex	76A772
RGB	118, 167, 114
RGB Percent	46%, 65%, 45%
CMY	0.5373, 0.3451, 0.5529
CMYK	0.29, 0.00, 0.32, 0.35
HSL	115°, 23%, 55%
HSV	115°, 32%, 65%
XYZ	24.3272, 32.7039, 20.9499
YIQ	146.3070, -12.1910, -26.8710

Conversions

Conversions Part 2

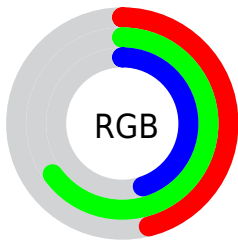
Format	Color
RYB	114, 167, 163
Decimal	7776114
CIELab	63.92, -27.03, 22.33
CIELCh	64, 35.059, 140.432
Yxy	32.7039, 0.3120, 0.4194
Android (android.graphics.Color)	4285966194 (0xFF76A772)
YUV	146.3070, -15.9274, -24.8252
Hunter-Lab	57.1873, -24.1448, 18.3109

Details

The YUV color **146.3070, -15.9274, -24.8252** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **134.6930, 15.9274, 24.8252**, and the grayscale version is **146.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.3670, -16.9429, -25.7549**, and **94.9480, -14.7644, -24.5104** is the 20% darker color. If you saturate the color by 10%, you get **139.8840, -21.1418, -32.3473**, and if you desaturate by 10%, it is **152.7300, -10.7129, -17.3032**.

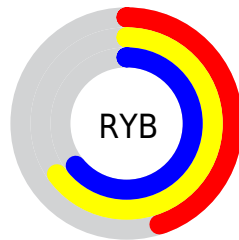
Distribution



Red (46%)

Green (65%)

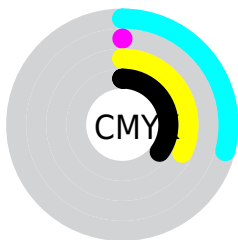
Blue (45%)



Red (45%)

Yellow (65%)

Blue (64%)

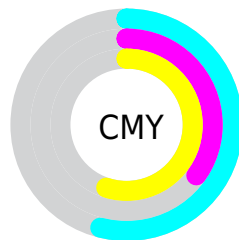


Cyan (29%)

Magenta (0%)

Yellow (32%)

Black (35%)



Cyan (54%)

Magenta (35%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 146.3070, -15.9274, -24.8252 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 146.3070, -15.9274, -24.8252 by changing the saturation by 10% instead.

■ 146.3070,
-15.9274, -24.8252

■ 146.3070,
-15.9274, -24.8252

■ 255.0000, 0.0000,
0.0000

■ 119.8340,
-15.2012, -24.4104

■ 200.3670,
-16.9429, -25.7549

■ 94.9480, -14.7644,
-24.5104

■ 228.9540,
-17.2323, -26.2697

■ 70.5890, -13.6014,
-24.1956

■ 243.1650,
-10.4343, -13.2997

■ 46.2190, -12.4330,
-25.6251

■ 254.4300, -2.1840,
0.4999

■ 25.2410, -12.4438,
-22.1364

■ 12.9140, -6.3666,
-11.3256

■ 0.0000, 0.0000,

0.0000

■ 146.3070,
-15.9274, -24.8252

■ 146.3070,
-15.9274, -24.8252

■ 139.8840,
-21.1418, -32.3473

■ 152.7300,
-10.7129, -17.3032

■ 133.2760,
-25.7721, -40.5841

■ 159.3380, -6.0826,
-9.0664

■ 126.8530,
-30.9865, -48.1061

■ 165.7610, -0.8682,
-1.5444

■ 120.1310,
-36.0536, -56.2429

■ 172.4830, 4.1989,
6.5924

■ 113.8220,
-40.8312, -63.8649

■ 178.7920, 8.9765,
14.2144

■ 107.1000,
-45.8983, -72.0017

■ 185.5140, 14.0436,
22.3512

■ 101.9160,
-50.2446, -77.9793

■ 191.9370, 19.2581,
29.8733

■ 198.6590, 24.3251,
38.0101

■ 203.3440, 25.4664,
45.3023

Harmonies

Analogous

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



150.7960, -27.5074, 2.8099



146.3070, -15.9274, -24.8252



139.7020, 1.6259, -54.9897

Triad

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



146.3070, -15.9274, -24.8252



146.6390, 34.1950, -47.9184



156.8710, -10.7824, 51.8561

Complementary

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



146.3070, -15.9274, -24.8252



134.6930, 15.9274, 24.8252

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.



158.8990, 3.5008, 43.9386



146.3070, -15.9274, -24.8252



155.3880, 28.4027, -9.9873

Square

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



146.3070, -15.9274, -24.8252



132.4080, 34.3089, -84.5498



158.8390, 17.8274, 22.0662



155.7980, -23.5644, 44.9042

Rectangle

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



146.3070, -15.9274, -24.8252



133.8270, 15.3683, -76.1473



158.8390, 17.8274, 22.0662



158.0110, -6.4144, 50.8564

Sweetspot

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



146.3070, -15.9274, -24.8252



208.5120, -6.6614, -10.0960



158.6100, -21.9927, 7.3580



104.5170, -4.1989, -6.5924



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.



146.3070, -15.9274, -24.8252



184.8140, -25.0513, -38.4249



147.6190, -5.7282, -29.4839



80.6960, -2.3151, -4.1184



90.1650, -44.4513, -69.4277



12.3380, -6.0826, -9.0664

Inverse Universe

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



134.6930, 15.9274, 24.8252



166.4850, 24.9039, 39.0397



133.3810, 5.7282, 29.4839



79.3040, 2.3151, 4.1184



57.8350, 44.4513, 69.4277



7.9610, 5.9352, 9.6812

Previews

White Background



This preview shows how the YUV color 146.3070, -15.9274, -24.8252 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 146.3070, -15.9274, -24.8252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

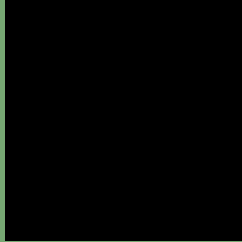
Any Text WCAG AA ✓ Pass

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 146.3070, -15.9274, -24.8252 Background



This preview shows how black text looks on a background with the YUV color 146.3070, -15.9274, -24.8252.



This preview shows how white text looks on a background with the YUV color 146.3070, -15.9274, -24.8252.

-24.8252.

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

146.3070, -15.9274, -24.8252

Protanopia

152.3440, -21.8616, 11.9763

Deuteranopia

154.4470, -17.9684, 23.2870



Tritanopia

151.8000, 9.9586, -20.8726

Trichromacy



Original Color

146.3070, -15.9274, -24.8252

Protanomaly

150.4240, -19.9290, -1.2488

Deuteranomaly

151.5650, -17.0405, 5.6435

Tritanomaly

149.9710, 0.5073, -22.7766

Monochromacy



Original Color

146.3070, -15.9274, -24.8252

Achromatopsia

146.0000, 0.0000, 0.0000

Achromatomaly

146.3380, -6.0826, -9.0664

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.3070, -15.9274, -24.8252 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(118, 167, 114)` looks like.

```
.text, #text, p{  
    color:rgb(118, 167, 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(118, 167, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 167, 114) }
```

Border

The CSS property to change the border of an element to YUV 146.3070, -15.9274, -24.8252 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(118, 167, 114) }
```


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

```
.border{ border-color:rgb(118, 167, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 167, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 167, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 167, 114);  
box-shadow:4px 4px 4px 4px rgb(118, 167,  
114) }
```

Background

The CSS property to change the background color of an element to YUV 146.3070, -15.9274, -24.8252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 167, 114) }
```

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

```
.background{ background-color: rgb(118,  
167, 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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