

Converting Colors

YUV(146.4370, -13.0334,
-19.6772)

Have a look what the booklet for
YUV(146.4370, -13.0334, -19.6772)
contains.

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Color

**YUV(146.4370, -13.0334,
-19.6772)**

Conversions

Conversions Part 1

Format	Color
Hex	7CA378
RGB	124, 163, 120
RGB Percent	49%, 64%, 47%
CMY	0.5137, 0.3608, 0.5294
CMYK	0.24, 0.00, 0.26, 0.36
HSL	114°, 19%, 55%
HSV	114°, 26%, 64%
XYZ	24.7995, 31.8355, 22.6071
YIQ	146.4370, -9.4410, -21.6410

Conversions

Conversions Part 2

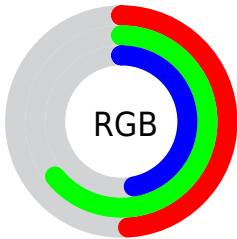
Format	Color
RYB	120, 163, 159
Decimal	8168312
CIELab	63.21, -21.91, 18.13
CIELCh	63, 28.439, 140.383
Yxy	31.8355, 0.3130, 0.4017
Android (android.graphics.Color)	4286358392 (0xFF7CA378)
YUV	146.4370, -13.0334, -19.6772
Hunter-Lab	56.4230, -20.2843, 15.7403

Details

The YUV color $146.4370, -13.0334, -19.6772$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $136.5630, 13.0334, 19.6772$, and the grayscale version is $147.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $200.4970, -14.0490, -20.6069$, and $95.3770, -12.0179, -18.7476$ is the 20% darker color. If you saturate the color by 10%, you get $140.1280, -17.8111, -27.2993$, and if you desaturate by 10%, it is $152.7460, -8.2558, -12.0552$.

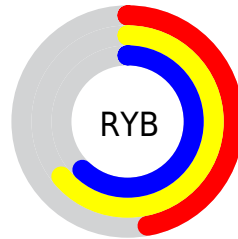
Distribution



Red (49%)

Green (64%)

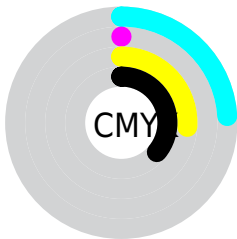
Blue (47%)



Red (47%)

Yellow (64%)

Blue (62%)

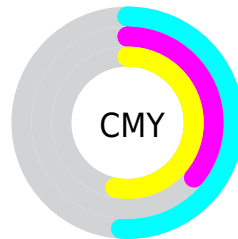


Cyan (24%)

Magenta (0%)

Yellow (26%)

Black (36%)



Cyan (51%)

Magenta (36%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 146.4370, -13.0334, -19.6772 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 146.4370, -13.0334, -19.6772 by changing the saturation by 10% instead.

■ 146.4370,
-13.0334, -19.6772

■ 146.4370,
-13.0334, -19.6772

■ 255.0000, 0.0000,
0.0000

■ 120.8500,
-12.7440, -19.1624

■ 200.4970,
-14.0490, -20.6069

■ 95.3770, -12.0179,
-18.7476

■ 229.0840,
-14.3384, -21.1217

■ 70.9040, -11.2917,
-18.3328

■ 245.3440, -8.5506,
-10.8257

■ 48.1320, -10.4181,
-18.5328

■ 25.7900, -11.7285,
-18.2328

■ 11.1530, -5.4984,
-9.7812

■ 0.0000, 0.0000,

0.0000

■ 146.4370,
-13.0334, -19.6772

■ 146.4370,
-13.0334, -19.6772

■ 140.1280,
-17.8111, -27.2993

■ 152.7460, -8.2558,
-12.0552

■ 133.7050,
-23.0256, -34.8213

■ 159.1690, -3.0413,
-4.5332

■ 127.6950,
-27.9506, -41.8285

■ 165.1790, 1.8838,
2.4740

■ 121.3860,
-32.7283, -49.4505

■ 171.4880, 6.6614,
10.0960

■ 114.9630,
-37.9428, -56.9726

■ 177.9110, 11.8759,
17.6181

■ 108.6540,
-42.7204, -64.5946

■ 184.2200, 16.6535,
25.2401

■ 102.6440,
-47.6455, -71.6018

■ 190.2300, 21.5786,
32.2473

■ 100.1660,
-49.3818, -74.6906

■ 196.5390, 26.3563,
39.8693

■ 200.9960, 26.6240,
47.3615

Harmonies

Analogous

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



149.8760, -22.1239, 2.7397



146.4370, -13.0334, -19.6772



142.2630, 0.8563, -41.4497

Triad

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



146.4370, -13.0334, -19.6772



147.7670, 26.7369, -35.7527



155.8590, -9.2975, 42.2197

Complementary

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



146.4370, -13.0334, -19.6772



136.5630, 13.0334, 19.6772

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.



156.9150, 2.5069, 36.0315



146.4370, -13.0334, -19.6772



153.6180, 22.8663, -7.5580

Square

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



146.4370, -13.0334, -19.6772



140.7660, 24.7654, -56.7998



156.7800, 13.9125, 17.7329



153.8940, -19.1747, 36.9270

Rectangle

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



146.4370, -13.0334, -19.6772



139.7050, 10.4984, -54.1153



156.7800, 13.9125, 17.7329



155.8850, -5.3663, 41.3199

Sweetspot

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



146.4370, -13.0334, -19.6772



205.2780, -5.0671, -8.1368



155.7500, -17.6247, 6.3582



102.7560, -3.3307, -5.0480



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



146.4370, -13.0334, -19.6772



185.7100, -20.5630, -31.3177



147.1790, -5.0182, -23.8360



78.5820, -2.7519, -4.0184



89.3010, -44.0254, -66.0390



11.1640, -5.5039, -8.0368

Inverse Universe

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



136.5630, 13.0334, 19.6772



169.9910, 20.7104, 30.7029



135.8210, 5.0182, 23.8360



76.4180, 2.7519, 4.0184



55.9980, 43.8780, 66.6538



6.8360, 5.5039, 8.0368

Previews

White Background



This preview shows how the YUV color 146.4370, -13.0334, -19.6772 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 146.4370, -13.0334, -19.6772 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 146.4370, -13.0334, -19.6772 Background



This preview shows how black text looks on a background with the YUV color 146.4370, -13.0334, -19.6772.



This preview shows how white text looks on a background with the YUV color 146.4370, -13.0334, -19.6772.

-19.6772.

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

146.4370, -13.0334, -19.6772

Protanopia

151.0710, -17.7830, 10.4617

Deuteranopia

153.2340, -14.9054, 20.8428



Tritanopia

150.8930, 8.9268, -16.5692

Trichromacy



Original Color

146.4370, -13.0334, -19.6772

Protanomaly

149.4610, -16.0033, -0.4043

Deuteranomaly

150.9610, -14.2778, 6.1732

Tritanomaly

149.1180, 0.9278, -17.6435

Monochromacy



Original Color

146.4370, -13.0334, -19.6772

Achromatopsia

146.0000, 0.0000, 0.0000

Achromatomaly

146.1040, -4.4883, -7.1072

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.4370, -13.0334, -19.6772 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(124, 163, 120)` looks like.

```
.text, #text, p{  
    color:rgb(124, 163, 120)  
}
```

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(124, 163, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 163, 120) }
```

Border

The CSS property to change the border of an element to YUV 146.4370, -13.0334, -19.6772 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(124, 163, 120) }
```


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

```
.border{ border-color:rgb(124, 163, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 163, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(124, 163, 120); -webkit-box-shadow:4px 4px 4px 4px rgb(124, 163, 120); box-shadow:4px 4px 4px 4px rgb(124, 163, 120) }
```

Background

The CSS property to change the background color of an element to YUV 146.4370, -13.0334, -19.6772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 163, 120) }
```

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

```
.background{ background-color: rgb(124,  
163, 120) }
```

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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