

Converting Colors

YUV(113.4970, -7.6400,
-69.7189)

Have a look what the booklet for
YUV(113.4970, -7.6400, -69.7189)
contains.

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Color

**YUV(113.4970, -7.6400,
-69.7189)**

Conversions

Conversions Part 1

Format	Color
Hex	229D62
RGB	34, 157, 98
RGB Percent	13%, 62%, 38%
CMY	0.8667, 0.3843, 0.6157
CMYK	0.78, 0.00, 0.38, 0.38
HSL	151°, 64%, 37%
HSV	151°, 78%, 62%
XYZ	14.9213, 25.3359, 15.6592
YIQ	113.4970, -54.3690, -44.4250

Conversions

Conversions Part 2

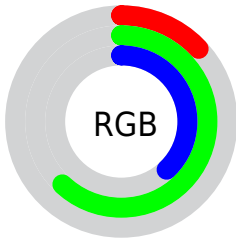
Format	Color
RYB	34, 115, 157
Decimal	2268514
CIELab	57.40, -46.66, 21.77
CIELCh	57, 51.485, 154.988
Yxy	25.3359, 0.2669, 0.4531
Android (android.graphics.Color)	4280458594 (0xFF229D62)
YUV	113.4970, -7.6400, -69.7189
Hunter-Lab	50.3347, -35.1712, 16.7892

Details

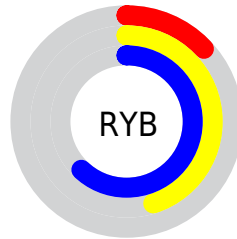
The YUV color **113.4970, -7.6400, -69.7189** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **77.5030, 7.6400, 69.7189**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.6180, -11.1507, -63.6860**, and **66.8620, -7.8200, -58.6380** is the 20% darker color. If you saturate the color by 10%, you get **107.8010, -8.7759, -78.7555**, and if you desaturate by 10%, it is **119.1930, -6.5041, -60.6823**.

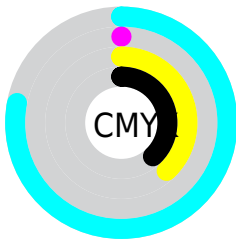
Distribution



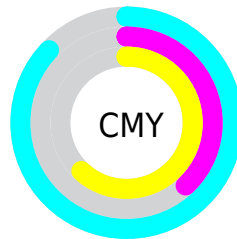
- Red (13%)
- Green (62%)
- Blue (38%)



- Red (13%)
- Yellow (45%)
- Blue (62%)



- Cyan (78%)
- Magenta (0%)
- Yellow (38%)
- Black (38%)



- Cyan (87%)
- Magenta (38%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.4970, -7.6400, -69.7189 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 113.4970, -7.6400, -69.7189 by changing the saturation by 10% instead.

■ 113.4970, -7.6400,
-69.7189

■ 113.4970, -7.6400,
-69.7189

■ 255.0000, 0.0000,
0.0000

■ 84.7460, -5.2978,
-74.3222

■ 171.6180,
-11.1507, -63.6860

■ 66.8620, -7.8200,
-58.6380

■ 199.8030,
-11.7349, -62.9712

■ 49.6790, -10.1947,
-43.5685

■ 219.8840, -7.8308,
-55.1493

■ 32.8550, -13.7325,
-28.8138

■ 231.7470, 0.1247,
-40.1201

■ 19.3710, -9.5499,
-16.9884

■ 243.3390, 5.7489,
-23.9763

■ 0.0000, 0.0000,
0.0000

■ 252.0100, 1.4741,

-6.1478

■ 113.4970, -7.6400,
-69.7189

■ 113.4970, -7.6400,
-69.7189

■ 107.8010, -8.7759,
-78.7555

■ 119.1930, -6.5041,
-60.6823

■ 102.5180, -9.6224,
-87.2773

■ 124.4760, -5.6577,
-52.1605

■ 101.5070, -9.6170,
-89.0216

■ 130.1720, -4.5218,
-43.1238

■ 135.7540, -3.8227,
-33.9873

■ 141.4500, -2.6868,
-24.9506

■ 146.7330, -1.8404,
-16.4288

■ 152.4290, -0.7045,
-7.3922

■ 158.0110, -0.0054,
1.7444

■ 163.4080, 1.2779,
10.1662

Harmonies

Analogous

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



127.4810, -33.2681, -16.2078



113.4970, -7.6400, -69.7189



110.3360, 16.5964, -96.7647

Triad

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



113.4970, -7.6400, -69.7189



125.4000, 50.0888, -59.1098



136.3650, -23.3509, 69.8399

Complementary

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



113.4970, -7.6400, -69.7189



77.5030, 7.6400, 69.7189

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.



137.4680, -2.6957, 71.5036



113.4970, -7.6400, -69.7189



141.2190, 34.8950, 7.7009

Square

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



113.4970, -7.6400, -69.7189



114.1900, 51.6713, -100.1446



141.3140, 17.5932, 50.5906



135.2920, -39.5840, 49.7329

Rectangle

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



113.4970, -7.6400, -69.7189



113.7560, 29.7003, -99.7640



141.3140, 17.5932, 50.5906



136.3960, -16.9572, 72.4437

Sweetspot

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



113.4970, -7.6400, -69.7189



186.7270, -2.8234, -27.8246



123.8420, -44.2921, -27.0484



91.4340, -1.6930, -17.0436



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



113.4970, -7.6400, -69.7189



136.1040, -11.8833, -108.8392



119.0490, 18.7098, -74.5880



76.1520, -0.5679, -4.5183



92.3770, -9.0599, -81.0146



9.7170, -0.8465, -8.5218

Inverse Universe

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



77.5030, 7.6400, 69.7189



79.8960, 11.8833, 108.8392



71.9510, -18.7098, 74.5880



73.8480, 0.5679, 4.5183



50.5090, 8.6231, 81.1146



5.2830, 0.8465, 8.5218

Previews

White Background



This preview shows how the YUV color 113.4970, -7.6400, -69.7189 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 113.4970, -7.6400, -69.7189 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 × Fail

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

YUV 113.4970, -7.6400, -69.7189

Background



This preview shows how black text looks on a background with the YUV color 113.4970, -7.6400, -69.7189.



This preview shows how white text looks on a background with the YUV color 113.4970, -7.6400,

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

113.4970, -7.6400, -69.7189

Protanopia

135.2300, -22.2984, 12.0763

Deuteranopia

136.8920, -16.2158, 21.1427



Tritanopia

124.9530, 17.7712, -53.4558

Trichromacy



Original Color

113.4970, -7.6400, -69.7189



Protanomaly

127.1230, -16.8226, -17.6479



Deuteranomaly

128.1930, -12.9131, -11.5703



Tritanomaly

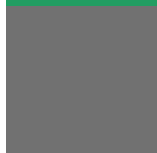
120.8030, 8.4781, -59.4632

Monochromacy



Original Color

113.4970, -7.6400, -69.7189



Achromatopsia

113.0000, 0.0000, 0.0000



Achromatomaly

113.1510, -2.5394, -25.5654

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.4970, -7.6400, -69.7189 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(34, 157, 98)` looks like.

```
.text, #text, p{  
    color:rgb(34, 157, 98)  
}
```

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(34, 157, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 157, 98) }
```

Border

The CSS property to change the border of an element to YUV 113.4970, -7.6400, -69.7189 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(34, 157, 98) }
```


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

```
.border{ border-color:rgb(34, 157, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 157, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 157, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 157, 98);  
box-shadow:4px 4px 4px 4px rgb(34, 157,  
98) }
```

Background

The CSS property to change the background color of an element to YUV 113.4970, -7.6400, -69.7189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 157, 98) }
```

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

```
.background{ background-color: rgb(34, 157,  
98) }
```

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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