

Converting Colors

YUV(128.4040, 13.6048,
-70.5143)

Have a look what the booklet for
YUV(128.4040, 13.6048, -70.5143)
contains.

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Color

**YUV(128.4040, 13.6048,
-70.5143)**

Conversions

Conversions Part 1

Format	Color
Hex	30A49C
RGB	48, 164, 156
RGB Percent	19%, 64%, 61%
CMY	0.8118, 0.3569, 0.3882
CMYK	0.71, 0.00, 0.05, 0.36
HSL	176°, 55%, 42%
HSV	176°, 71%, 64%
XYZ	20.4951, 29.5796, 36.0817
YIQ	128.4040, -66.5680, -27.0800

Conversions

Conversions Part 2

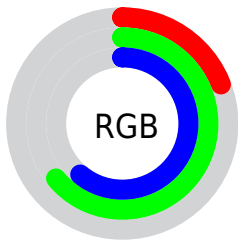
Format	Color
R_{YB}	48, 108, 164
Decimal	3187868
CIE _{Lab}	61.29, -33.32, -5.14
CIE _{LCh}	61, 33.711, 188.775
Yxy	29.5796, 0.2379, 0.3433
Android (android.graphics.Color)	4281377948 (0xFF30A49C)
YUV	128.4040, 13.6048, -70.5143
Hunter-Lab	54.3871, -27.9119, -1.2634

Details

The YUV color **128.4040, 13.6048, -70.5143** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **83.5960, -13.6048, 70.5143**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **185.6820, 11.9888, -65.4961**, and **77.1270, 13.7414, -67.6404** is the 20% darker color. If you saturate the color by 10%, you get **123.5060, 15.5265, -80.2508**, and if you desaturate by 10%, it is **133.3020, 11.6831, -60.7779**.

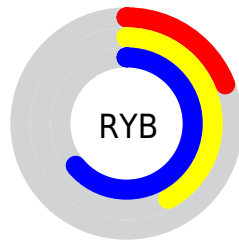
Distribution



Red (19%)

Green (64%)

Blue (61%)



Red (19%)

Yellow (42%)

Blue (64%)

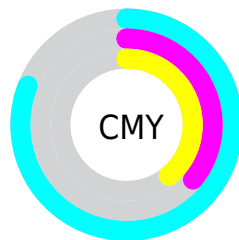


Cyan (71%)

Magenta (0%)

Yellow (5%)

Black (36%)



Cyan (81%)

Magenta (36%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 128.4040, 13.6048, -70.5143 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 128.4040, 13.6048, -70.5143 by changing the saturation by 10% instead.

■ 128.4040, 13.6048,
-70.5143

■ 128.4040, 13.6048,
-70.5143

■ 255.0000, 0.0000,
0.0000

■ 95.2390, 17.1372,
-83.5246

■ 185.6820, 11.9888,
-65.4961

■ 77.1270, 13.7414,
-67.6404

■ 214.9810, 11.8414,
-64.8813

■ 60.3030, 10.2036,
-52.8857

■ 229.5850, 12.5296,
-52.2560

■ 43.5930, 7.1027,
-38.2311

■ 238.2560, 8.2548,
-34.4275

■ 27.5840, 4.1491,
-24.1912

■ 247.2260, 3.8326,
-15.9842

■ 7.6940, 4.0949,
-6.7476

■ 0.0000, 0.0000,

0.0000

■ 128.4040, 13.6048,
-70.5143

■ 128.4040, 13.6048,
-70.5143

■ 123.5060, 15.5265,
-80.2508

■ 133.3020, 11.6831,
-60.7779

■ 118.3090, 17.5957,
-90.6020

■ 138.4990, 9.6140,
-50.4266

■ 113.7100, 19.3700,
-99.7237

■ 143.3970, 7.6923,
-40.6902

■ 148.7080, 6.0600,
-30.4389

■ 153.6060, 4.1382,
-20.7025

■ 158.5040, 2.2165,
-10.9660

■ 163.7010, 0.1474,
-0.6148

■ 168.5990, -1.7743,
9.1217

■ 173.7960, -3.8434,
19.4729

Harmonies

Analogous

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



136.2540, -5.5482, -40.5648



128.4040, 13.6048, -70.5143



122.3490, 30.3939, -88.8831

Triad

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



128.4040, 13.6048, -70.5143



151.3860, 21.5017, 10.1855



147.8090, -27.0208, 33.4935

Complementary

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



128.4040, 13.6048, -70.5143



83.5960, -13.6048, 70.5143

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.



148.8890, -18.1863, 46.5783



128.4040, 13.6048, -70.5143



152.2230, 8.7641, 35.7614

Square

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



128.4040, 13.6048, -70.5143



146.0550, 30.0459, -23.7272



150.9290, -5.3880, 48.2973



145.0360, -28.1187, 12.2464

Rectangle

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



128.4040, 13.6048, -70.5143



130.8550, 33.1025, -70.9098



150.9290, -5.3880, 48.2973



147.8250, -24.5637, 38.7415

Sweetspot

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



128.4040, 13.6048, -70.5143



200.2030, 5.3229, -27.3650



119.0820, -35.0434, -53.5689



98.6990, 3.1064, -16.3990



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.



128.4040, 13.6048, -70.5143



158.2140, 21.5865, -110.6897



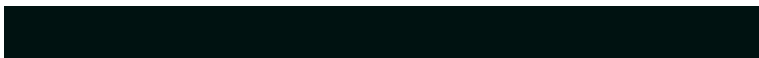
101.1400, 30.9900, -46.6038



79.1950, 0.8899, -5.4330



100.5050, 17.0060, -88.1429



12.5040, 2.2165, -10.9660

Inverse Universe

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



83.5960, -13.6048, 70.5143



87.9000, -21.1497, 110.5897



110.8600, -30.9900, 46.6038



75.8050, -0.8899, 5.4330



44.4950, -17.0060, 88.1429



5.4960, -2.2165, 10.9660

Previews

White Background



This preview shows how the YUV color 128.4040, 13.6048, -70.5143 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 128.4040, 13.6048, -70.5143 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

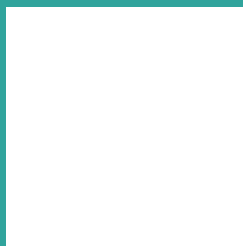
Any Text WCAG AAA × Fail

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

YUV 128.4040, 13.6048, -70.5143 Background



This preview shows how black text looks on a background with the YUV color 128.4040, 13.6048, -70.5143.



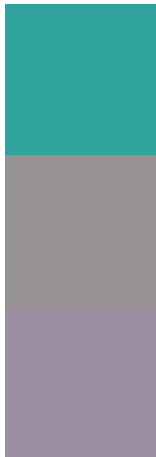
This preview shows how white text looks on a background with the YUV color 128.4040, 13.6048, -70.5143.

-70.5143.

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

128.4040, 13.6048, -70.5143

Protanopia

147.1960, -0.5896, 2.4591

Deuteranopia

148.6400, 6.0935, 5.5777



Tritanopia

131.6850, 20.8613, -64.6217

Trichromacy



Original Color

128.4040, 13.6048, -70.5143

Protanomaly

140.6980, 4.5859, -24.2911

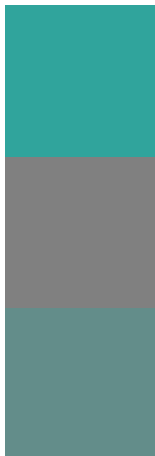
Deuteranomaly

141.4470, 8.6536, -22.3170

Tritanomaly

130.2780, 18.1039, -66.8958

Monochromacy



Original Color

128.4040, 13.6048, -70.5143

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

128.1000, 4.8807, -25.5207

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.4040, 13.6048, -70.5143 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(48, 164, 156)` looks like.

```
.text, #text, p{  
    color:rgb(48, 164, 156)  
}
```

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(48, 164, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 164, 156) }
```

Border

The CSS property to change the border of an element to YUV 128.4040, 13.6048, -70.5143 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(48, 164, 156) }
```


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

```
.border{ border-color:rgb(48, 164, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 164, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 164, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 164, 156);  
box-shadow:4px 4px 4px 4px rgb(48, 164,  
156) }
```

Background

The CSS property to change the background color of an element to YUV 128.4040, 13.6048, -70.5143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 164, 156) }
```

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

```
.background{ background-color: rgb(48, 164,  
156) }
```

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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