

Converting Colors

YUV(98.3070, 4.2856, -21.3172)

Have a look what the booklet for
YUV(98.3070, 4.2856, -21.3172)
contains.

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Color

**YUV(98.3070, 4.2856,
-21.3172)**

Conversions

Conversions Part 1

Format	Color
Hex	4A6D6B
RGB	74, 109, 107
RGB Percent	29%, 43%, 42%
CMY	0.7098, 0.5725, 0.5804
CMYK	0.32, 0.00, 0.02, 0.57
HSL	177°, 19%, 36%
HSV	177°, 32%, 43%
XYZ	10.9465, 13.4547, 15.9300
YIQ	98.3070, -20.2180, -8.0420

Conversions

Conversions Part 2

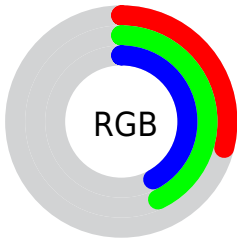
Format	Color
RYB	74, 92, 109
Decimal	4877675
CIELab	43.44, -12.94, -2.90
CIELCh	43, 13.264, 192.639
Yxy	13.4547, 0.2714, 0.3336
Android (android.graphics.Color)	4283067755 (0xFF4A6D6B)
YUV	98.3070, 4.2856, -21.3172
Hunter-Lab	36.6806, -10.9216, -0.0726

Details

The YUV color **98.3070, 4.2856, -21.3172** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **84.6930, -4.2856, 21.3172**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.5950, 4.1437, -22.4468**, and **50.7200, 4.5750, -20.8024** is the 20% darker color. If you saturate the color by 10%, you get **94.9040, 5.4703, -27.9798**, and if you desaturate by 10%, it is **101.7100, 3.1010, -14.6547**.

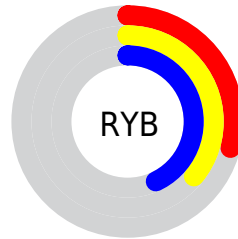
Distribution



Red (29%)

Green (43%)

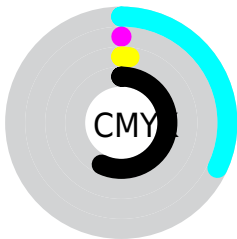
Blue (42%)



Red (29%)

Yellow (36%)

Blue (43%)

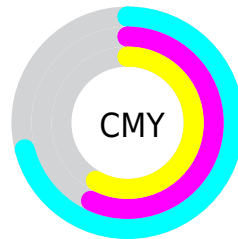


Cyan (32%)

Magenta (0%)

Yellow (2%)

Black (57%)



Cyan (71%)

Magenta (57%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 98.3070, 4.2856, -21.3172 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 98.3070, 4.2856, -21.3172 by changing the saturation by 10% instead.

■ 98.3070, 4.2856,
-21.3172

■ 98.3070, 4.2856,
-21.3172

■ 255.0000, 0.0000,
0.0000

■ 74.3070, 4.2856,
-21.3172

■ 149.5950, 4.1437,
-22.4468

■ 50.7200, 4.5750,
-20.8024

■ 176.2960, 4.2911,
-23.0616

■ 28.1220, 4.8699,
-22.0320

■ 203.4100, 4.7279,
-23.1616

■ 13.6780, 1.6377,
-11.9956

■ 231.9970, 4.4385,
-23.6764

■ 0.0000, 0.0000,
0.0000

■ 248.7210, 3.0955,
-12.9103

■ 98.3070, 4.2856,
-21.3172

■ 98.3070, 4.2856,
-21.3172

■ 94.9040, 5.4703,
-27.9798

■ 101.7100, 3.1010,
-14.6547

■ 91.6150, 7.0918,
-34.7424

■ 104.9990, 1.4795,
-7.8921

■ 88.2120, 8.2765,
-41.4049

■ 108.4020, 0.2948,
-1.2296

■ 84.9230, 9.8980,
-48.1675

■ 111.6910, -1.3267,
5.5330

■ 81.8190, 10.9352,
-54.2153

■ 115.0940, -2.5113,
12.1956

■ 78.4160, 12.1199,
-60.8778

■ 118.1980, -3.5486,
18.2434

■ 75.7250, 13.4466,
-66.4108

■ 121.4870, -5.1701,
25.0059

■ 124.8900, -6.3548,

31.6685

■ 128.2930, -7.5394,
38.3310

Harmonies

Analogous

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



98.8580, -1.4090, -14.7845



98.3070, 4.2856, -21.3172



98.8600, 8.9430, -21.8022

Triad

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



98.3070, 4.2856, -21.3172



103.9820, 7.4039, 5.2778



103.0310, -10.3683, 12.2508

Complementary

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



98.3070, 4.2856, -21.3172



84.6930, -4.2856, 21.3172

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.



104.0470, -7.9112, 17.4988



98.3070, 4.2856, -21.3172



104.9570, 1.9932, 14.0697

Square

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



98.3070, 4.2856, -21.3172



102.7140, 10.4940, -5.8882



104.3120, -3.1118, 18.1434



101.3890, -10.0518, 4.0438

Rectangle

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



98.3070, 4.2856, -21.3172



99.7510, 10.9688, -18.1986



104.3120, -3.1118, 18.1434



103.4550, -10.0843, 14.5100

Sweetspot

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



98.3070, 4.2856, -21.3172



138.7000, 1.6269, -8.5069



95.1430, -10.4235, -16.7884



68.6080, 1.1793, -4.9182



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



98.3070, 4.2856, -21.3172



125.9140, 6.9444, -34.1276



89.7300, 9.5001, -13.7952



52.0920, 0.4476, -3.5887



81.3330, 14.6258, -71.3290



170.1490, 29.9995, -149.2207

Inverse Universe

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



84.6930, -4.2856, 21.3172



104.0860, -6.9444, 34.1276



93.2700, -9.5001, 13.7952



49.9080, -0.4476, 3.5887



35.7810, -14.1890, 71.2291



74.8510, -29.9995, 149.2207

Previews

White Background



This preview shows how the YUV color 98.3070, 4.2856, -21.3172 looks on a white 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

Black Background



This preview shows how the YUV color 98.3070, 4.2856, -21.3172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

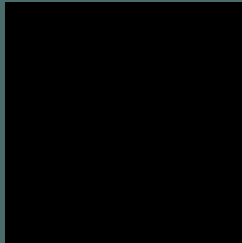
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

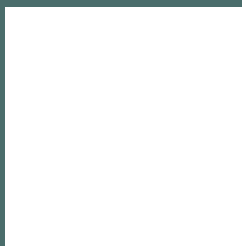
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 98.3070, 4.2856, -21.3172

Background



This preview shows how black text looks on a background with the YUV color 98.3070, 4.2856, -21.3172.



This preview shows how white text looks on a background with the YUV color 98.3070, 4.2856, -21.3172.

-21.3172.

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

98.3070, 4.2856, -21.3172

Protanopia

102.7120, 0.1420, 1.1296

Deuteranopia

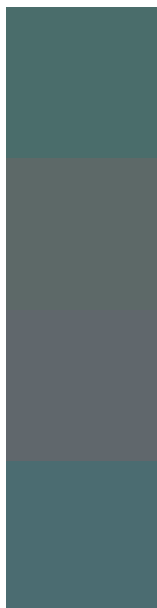
103.1300, 2.8939, 5.1480



Tritanopia

99.3440, 8.2114, -20.4727

Trichromacy



Original Color

98.3070, 4.2856, -21.3172

Protanomaly

101.2980, 1.3321, -7.2773

Deuteranomaly

101.4770, 3.2158, -4.8033

Tritanomaly

98.7030, 7.0484, -20.7875

Monochromacy



Original Color

98.3070, 4.2856, -21.3172

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

97.9990, 1.4795, -7.8921

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.3070, 4.2856, -21.3172 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(74, 109, 107)` looks like.

```
.text, #text, p{  
    color:rgb(74, 109, 107)  
}
```

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(74, 109, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 109, 107) }
```

Border

The CSS property to change the border of an element to YUV 98.3070, 4.2856, -21.3172 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(74, 109, 107) }
```


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

```
.border{ border-color:rgb(74, 109, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 109, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 109, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 109, 107);  
box-shadow:4px 4px 4px 4px rgb(74, 109,  
107) }
```

Background

The CSS property to change the background color of an element to YUV 98.3070, 4.2856, -21.3172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 109, 107) }
```

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

```
.background{ background-color: rgb(74, 109,  
107) }
```

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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