

Converting Colors

YUV(70.6850, -5.7607, -19.0177)

Have a look what the booklet for
YUV(70.6850, -5.7607, -19.0177)
contains.

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Color

**YUV(70.6850, -5.7607,
-19.0177)**

Conversions

Conversions Part 1

Format	Color
Hex	31543B
RGB	49, 84, 59
RGB Percent	19%, 33%, 23%
CMY	0.8078, 0.6706, 0.7686
CMYK	0.42, 0.00, 0.30, 0.67
HSL	137°, 26%, 26%
HSV	137°, 42%, 33%
XYZ	5.2264, 7.3094, 5.2731
YIQ	70.6850, -12.8350, -15.1950

Conversions

Conversions Part 2

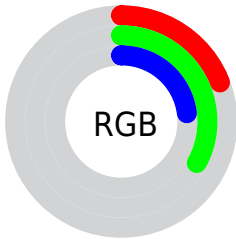
Format	Color
R_{YB}	49, 76, 84
Decimal	3232827
CIE _{Lab}	32.50, -18.92, 10.72
CIE _{LCh}	33, 21.750, 150.464
Y _{xy}	7.3094, 0.2935, 0.4104
Android (android.graphics.Color)	4281422907 (0xFF31543B)
Y _{UV}	70.6850, -5.7607, -19.0177
Hunter-Lab	27.0359, -12.8065, 7.3612

Details

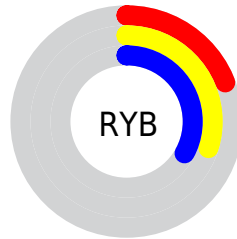
The YUV color **70.6850, -5.7607, -19.0177** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **62.3150, 5.7607, 19.0177**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.7450, -6.7763, -19.9474**, and **26.0270, -4.4503, -19.3177** is the 20% darker color. If you saturate the color by 10%, you get **67.6090, -7.2022, -23.3361**, and if you desaturate by 10%, it is **73.7610, -4.3192, -14.6994**.

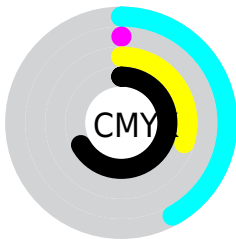
Distribution



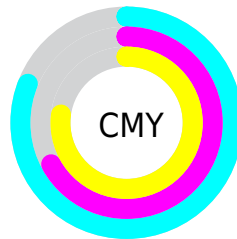
- Red (19%)
- Green (33%)
- Blue (23%)



- Red (19%)
- Yellow (30%)
- Blue (33%)



- Cyan (42%)
- Magenta (0%)
- Yellow (30%)
- Black (67%)



- Cyan (81%)
- Magenta (67%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.6850, -5.7607, -19.0177 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 70.6850, -5.7607, -19.0177 by changing the saturation by 10% instead.

■ 70.6850, -5.7607,
-19.0177

■ 70.6850, -5.7607,
-19.0177

■ 255.0000, 0.0000,
0.0000

■ 47.7990, -5.3239,
-19.1177

■ 119.7450, -6.7763,
-19.9474

■ 26.0270, -4.4503,
-19.3177

■ 145.4460, -6.6289,
-20.5621

■ 9.3920, -4.6303,
-8.2368

■ 172.0330, -6.9183,
-21.0769

■ 0.0000, 0.0000,
0.0000

■ 199.6200, -7.2077,
-21.5917

■ 227.5060, -7.6445,
-21.4918

■ 246.2280, -2.5774,

-13.3550

■ 70.6850, -5.7607,
-19.0177

■ 70.6850, -5.7607,
-19.0177

■ 67.6090, -7.2022,
-23.3361

■ 73.7610, -4.3192,
-14.6994

■ 64.2340, -8.4964,
-28.2692

■ 77.1360, -3.0250,
-9.7663

■ 61.1580, -9.9379,
-32.5876

■ 80.2120, -1.5835,
-5.4479

■ 57.7830, -11.2320,
-37.5207

■ 83.5870, -0.2894,
-0.5148

■ 54.7070, -12.6736,
-41.8390

■ 86.6630, 1.1521,
3.8035

■ 52.0440, -13.8257,
-45.6426

■ 89.7390, 2.5937,
8.1219

■ 93.1140, 3.8878,
13.0550

■ 96.1900, 5.3293,
17.3734

■ 99.5650, 6.6235,
22.3065

Harmonies

Analogous

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



73.7210, -13.6665, -3.2633



70.6850, -5.7607, -19.0177



66.6210, 4.6238, -36.5016

Triad

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



70.6850, -5.7607, -19.0177



73.8740, 17.8101, -19.1835



77.5860, -8.6699, 27.5501

Complementary

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



70.6850, -5.7607, -19.0177



62.3150, 5.7607, 19.0177

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.



78.0510, -0.5181, 26.2653



70.6850, -5.7607, -19.0177



77.9690, 13.8193, 0.9042

Square

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



70.6850, -5.7607, -19.0177



66.4860, 19.4804, -41.6452



78.7600, 7.5133, 16.8735



76.6470, -14.6160, 21.3576

Rectangle

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



70.6850, -5.7607, -19.0177



61.4220, 13.1030, -49.4821



78.7600, 7.5133, 16.8735



77.8680, -6.3439, 28.1798

Sweetspot

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



70.6850, -5.7607, -19.0177



104.2610, -2.5937, -8.1219



77.0200, -13.8139, -2.6485



52.6250, -1.2941, -4.9331



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



70.6850, -5.7607, -19.0177



88.9950, -9.3645, -29.8136



72.6230, 1.6649, -20.7174



39.4620, -0.7208, -2.1592



65.0550, -17.2821, -57.0532



143.7080, -38.3100, -126.0319

Inverse Universe

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



62.3150, 5.7607, 19.0177



75.8910, 8.9277, 29.9136



60.3770, -1.6649, 20.7174



38.5380, 0.7208, 2.1592



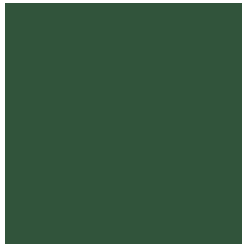
39.9450, 17.2821, 57.0532



88.2920, 38.3100, 126.0319

Previews

White Background



This preview shows how the YUV color 70.6850, -5.7607, -19.0177 looks on a white background.

Color Contrast Check

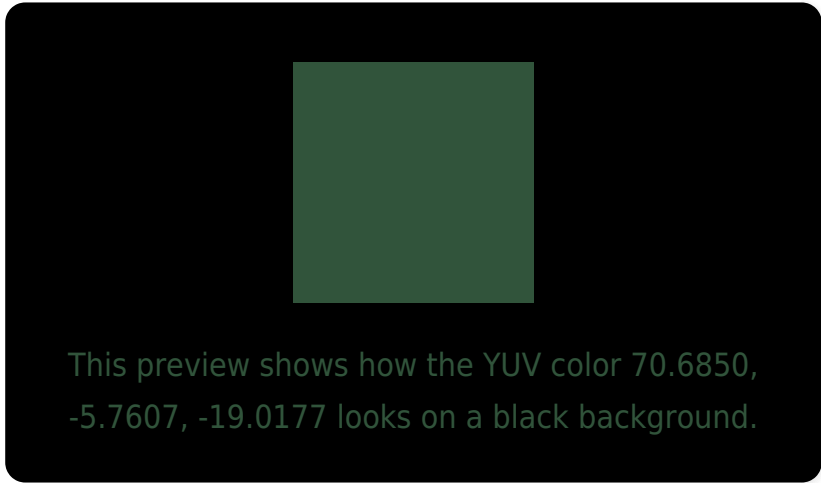
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

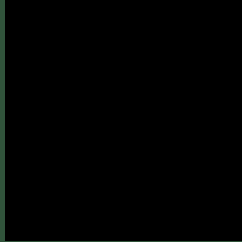
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 70.6850, -5.7607, -19.0177

Background



This preview shows how black text looks on a background with the YUV color 70.6850, -5.7607, -19.0177.



This preview shows how white text looks on a background with the YUV color 70.6850, -5.7607,

-19.0177.

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

70.6850, -5.7607, -19.0177

Protanopia

75.4000, -10.0572, 5.7882

Deuteranopia

76.4160, -7.6001, 11.0362



Tritanopia

73.3230, 6.7428, -16.0693

Trichromacy



Original Color

70.6850, -5.7607, -19.0177

Protanomaly

73.6870, -8.7197, -3.2335

Deuteranomaly

74.1650, -6.9833, -0.1447

Tritanomaly

72.1720, 2.3802, -16.8138

Monochromacy



Original Color

70.6850, -5.7607, -19.0177

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

71.0870, -2.0149, -7.0923

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.6850, -5.7607, -19.0177 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(49, 84, 59)` looks like.

```
.text, #text, p{  
    color:rgb(49, 84, 59)  
}
```

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(49, 84, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 84, 59) }
```

Border

The CSS property to change the border of an element to YUV 70.6850, -5.7607, -19.0177 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(49, 84, 59) }
```


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

```
.border{ border-color:rgb(49, 84, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 84, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 84, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 84, 59);  
box-shadow:4px 4px 4px 4px rgb(49, 84, 59)  
}
```

Background

The CSS property to change the background color of an element to YUV 70.6850, -5.7607, -19.0177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 84, 59) }
```

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

```
.background{ background-color: rgb(49, 84,  
59) }
```

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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