

Converting Colors

YUV(67.8740, -19.1649,
-13.0445)

Have a look what the booklet for
YUV(67.8740, -19.1649, -13.0445)
contains.

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Color

**YUV(67.8740, -19.1649,
-13.0445)**

Conversions

Conversions Part 1

Format	Color
Hex	35531D
RGB	53, 83, 29
RGB Percent	21%, 33%, 11%
CMY	0.7922, 0.6745, 0.8863
CMYK	0.36, 0.00, 0.65, 0.67
HSL	93°, 48%, 22%
HSV	93°, 65%, 33%
XYZ	4.7832, 7.0321, 2.2676
YIQ	67.8740, -0.5460, -23.1540

Conversions

Conversions Part 2

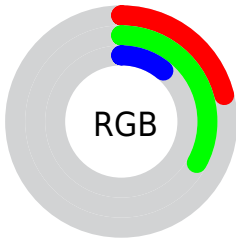
Format	Color
RYB	29, 83, 59
Decimal	3494685
CIELab	31.88, -21.78, 27.53
CIElCh	32, 35.100, 128.352
Yxy	7.0321, 0.3396, 0.4993
Android (android.graphics.Color)	4281684765 (0xFF35531D)
YUV	67.8740, -19.1649, -13.0445
Hunter-Lab	26.5181, -14.2096, 13.4927

Details

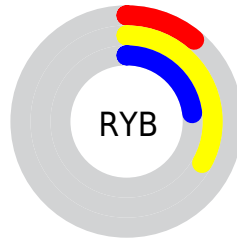
The YUV color **67.8740, -19.1649, -13.0445** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **44.1260, 19.1649, 13.0445**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **117.1190, -20.7647, -13.2594**, and **24.1000, -11.8813, -15.8737** is the 20% darker color. If you saturate the color by 10%, you get **65.4670, -21.9222, -15.3186**, and if you desaturate by 10%, it is **70.2810, -16.4075, -10.7704**.

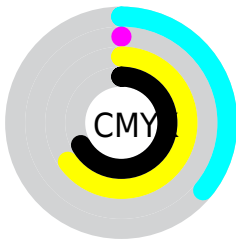
Distribution



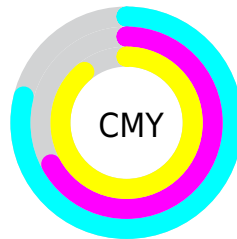
- Red (21%)
- Green (33%)
- Blue (11%)



- Red (11%)
- Yellow (33%)
- Blue (23%)



- Cyan (36%)
- Magenta (0%)
- Yellow (65%)
- Black (67%)



- Cyan (79%)
- Magenta (67%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.8740, -19.1649, -13.0445 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 67.8740, -19.1649, -13.0445 by changing the saturation by 10% instead.

■ 67.8740, -19.1649,
-13.0445

■ 67.8740, -19.1649,
-13.0445

255.0000, 0.0000,
0.0000

■ 44.7600, -19.6017,
-12.9445

■ 117.1190,
-20.7647, -13.2594

■ 24.1000, -11.8813,
-15.8737

■ 143.0050,
-21.2015, -13.1594

■ 7.6310, -3.7621,
-6.6924

■ 169.4780,
-21.9277, -13.5742

■ 0.0000, 0.0000,
0.0000

■ 196.9510,
-22.6538, -13.9890

■ 224.8370,
-23.0906, -13.8890

■ 244.3310,

-18.8972, -5.5523

252.6060, -9.1728,
2.0995

67.8740, -19.1649,
-13.0445

67.8740, -19.1649,
-13.0445

65.4670, -21.9222,
-15.3186

70.2810, -16.4075,
-10.7704

63.2450, -25.2638,
-16.8779

72.5030, -13.0660,
-9.2111

60.8380, -28.0211,
-19.1519

74.9100, -10.3086,
-6.9371

59.7840, -29.4735,
-19.9816

77.0180, -7.4039,
-5.2778

79.4250, -4.6465,
-3.0037

■ 81.9460, -1.4524,
-0.8296

■ 84.0540, 1.4524,
0.8296

■ 86.4610, 4.2097,
3.1037

■ 88.6830, 7.5513,
4.6630

Harmonies

Analogous

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



70.8400, -27.5291, 9.7873



67.8740, -19.1649, -13.0445



57.2250, -1.5899, -50.1863

Triad

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



67.8740, -19.1649, -13.0445



63.0850, 31.0171, -55.3255



73.8900, -2.9038, 44.8235

Complementary

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



67.8740, -19.1649, -13.0445



44.1260, 19.1649, 13.0445

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.



76.7280, 9.5011, 32.6875



67.8740, -19.1649, -13.0445



69.2990, 29.9256, -31.8342

Square

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



67.8740, -19.1649, -13.0445



63.4950, 22.4340, -55.6851



76.7340, 20.3441, 8.1263



73.8390, -15.6966, 41.3602

Rectangle

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



67.8740, -19.1649, -13.0445



59.9780, 6.4198, -52.6007



76.7340, 20.3441, 8.1263



75.0190, 1.4696, 42.0793

Sweetspot

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



67.8740, -19.1649, -13.0445



101.0180, -7.4039, -5.2778



62.7560, -16.6417, 17.7540



50.1260, -4.4991, -3.6185



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



67.8740, -19.1649, -13.0445



83.7840, -29.4735, -19.9816



61.0400, -14.3167, -28.0991



39.9460, -1.4524, -0.8296



75.3890, -37.1668, -25.7742



166.9810, -82.3216, -56.1113

Inverse Universe

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



44.1260, 19.1649, 13.0445



47.2160, 29.4735, 19.9816



50.9600, 14.3167, 28.0991



38.0540, 1.4524, 0.8296



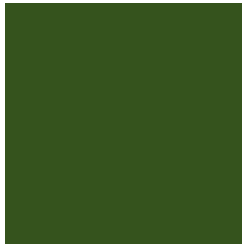
29.3120, 37.3142, 25.1594



65.0190, 82.3216, 56.1113

Previews

White Background



This preview shows how the YUV color 67.8740, -19.1649, -13.0445 looks on a white background.

Color Contrast Check

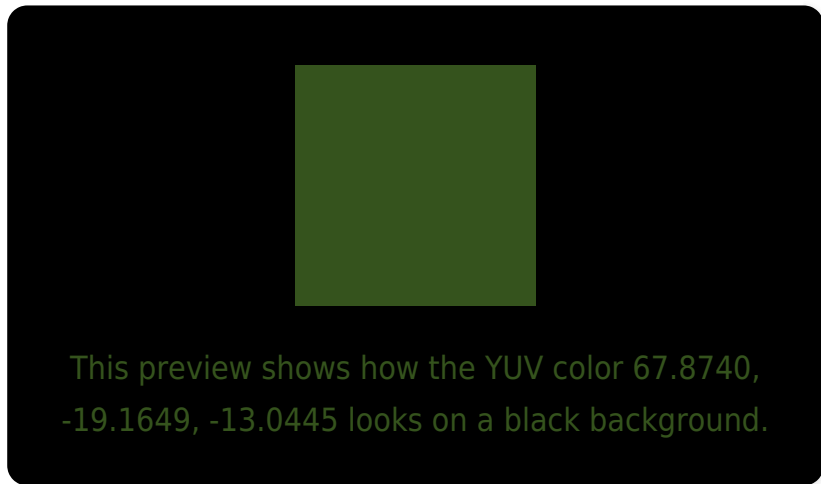
Large Text (above 18pt) WCAG AA ✓ Pass

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

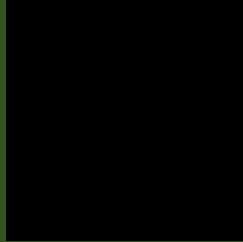
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 67.8740, -19.1649, -13.0445

Background



This preview shows how black text looks on a background with the YUV color 67.8740, -19.1649, -13.0445.



This preview shows how white text looks on a background with the YUV color 67.8740, -19.1649,

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

67.8740, -19.1649, -13.0445

Protanopia

72.2190, -22.2930, 10.3319

Deuteranopia

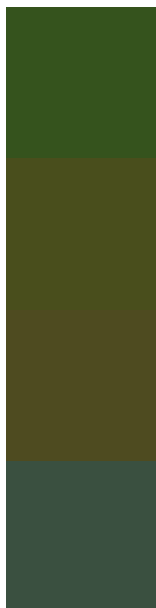
73.2460, -19.8413, 17.3243



Tritanopia

73.6010, 5.1267, -11.0511

Trichromacy



Original Color

67.8740, -19.1649, -13.0445

Protanomaly

70.8050, -21.1029, 1.9250

Deuteranomaly

70.9950, -19.2245, 6.1434

Tritanomaly

71.5980, -3.7458, -11.9254

Monochromacy



Original Color

67.8740, -19.1649, -13.0445

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

67.8440, -6.8251, -4.2482

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.8740, -19.1649, -13.0445 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(53, 83, 29)` looks like.

```
.text, #text, p{  
    color:rgb(53, 83, 29)  
}
```

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(53, 83, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 83, 29) }
```

Border

The CSS property to change the border of an element to YUV 67.8740, -19.1649, -13.0445 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(53, 83, 29) }
```


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

```
.border{ border-color:rgb(53, 83, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 83, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 83, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 83, 29);  
box-shadow:4px 4px 4px 4px rgb(53, 83, 29)  
}
```

Background

The CSS property to change the background color of an element to YUV 67.8740, -19.1649, -13.0445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 83, 29) }
```

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

```
.background{ background-color: rgb(53, 83,  
29) }
```

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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