

Converting Colors

YUV(62.1940, -17.8436,
-16.8331)

Have a look what the booklet for
YUV(62.1940, -17.8436, -16.8331)
contains.

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Color

**YUV(62.1940, -17.8436,
-16.8331)**

Conversions

Conversions Part 1

Format	Color
Hex	2B4F1A
RGB	43, 79, 26
RGB Percent	17%, 31%, 10%
CMY	0.8314, 0.6902, 0.8980
CMYK	0.46, 0.00, 0.67, 0.69
HSL	101°, 50%, 21%
HSV	101°, 67%, 31%
XYZ	3.9787, 6.1801, 1.9605
YIQ	62.1940, -4.4430, -24.1150

Conversions

Conversions Part 2

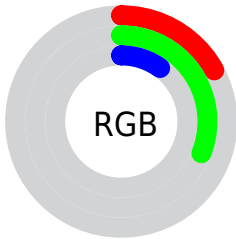
Format	Color
R_{YB}	26, 79, 62
Decimal	2838298
CIE _{Lab}	29.86, -24.07, 26.65
CIE _{LCh}	30, 35.916, 132.090
Yxy	6.1801, 0.3283, 0.5099
Android (android.graphics.Color)	4281028378 (0xFF2B4F1A)
YUV	62.1940, -17.8436, -16.8331
Hunter-Lab	24.8599, -14.9368, 12.7263

Details

The YUV color **62.1940, -17.8436, -16.8331** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **42.8060, 17.8436, 16.8331**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **111.4390, -19.4434, -17.0480**, and **20.5450, -10.1287, -18.0180** is the 20% darker color. If you saturate the color by 10%, you get **59.7870, -20.6010, -19.1072**, and if you desaturate by 10%, it is **64.6010, -15.0863, -14.5591**.

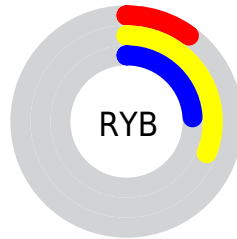
Distribution



Red (17%)

Green (31%)

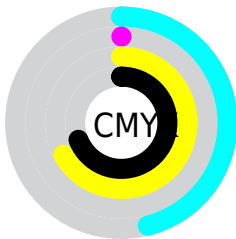
Blue (10%)



Red (10%)

Yellow (31%)

Blue (24%)

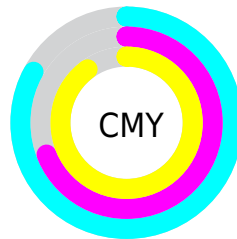


Cyan (46%)

Magenta (0%)

Yellow (67%)

Black (69%)



Cyan (83%)

Magenta (69%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 62.1940, -17.8436, -16.8331 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 62.1940, -17.8436, -16.8331 by changing the saturation by 10% instead.

■ 62.1940, -17.8436,
-16.8331

■ 62.1940, -17.8436,
-16.8331

255.0000, 0.0000,
0.0000

■ 38.7810, -18.1330,
-17.3479

■ 111.4390,
-19.4434, -17.0480

■ 20.5450, -10.1287,
-18.0180

■ 136.9120,
-20.1696, -17.4628

■ 0.0000, 0.0000,
0.0000

■ 163.3850,
-20.8958, -17.8776

■ 190.2710,
-21.3326, -17.7777

■ 218.7440,
-22.0588, -18.1925

■ 240.2870,

-18.8755, -12.5297

■ 252.1500,
-10.9200, 2.4994

■ 62.1940, -17.8436,
-16.8331

■ 62.1940, -17.8436,
-16.8331

■ 59.7870, -20.6010,
-19.1072

■ 64.6010, -15.0863,
-14.5591

■ 57.0810, -23.2109,
-21.9960

■ 67.3070, -12.4764,
-11.6702

■ 54.6740, -25.9683,
-24.2701

■ 69.7140, -9.7190,
-9.3962

■ 53.8480, -26.5471,
-25.2997

■ 72.1210, -6.9617,
-7.1221

■ 74.8270, -4.3517,
-4.2333

■ 77.1200, -2.0312,
-1.8592

■ 79.8260, 0.5788,
1.0296

■ 82.2330, 3.3361,
3.3037

■ 84.6400, 6.0935,
5.5777

Harmonies

Analogous

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



65.8890, -28.5393, 7.1133



62.1940, -17.8436, -16.8331



54.6490, -1.3060, -47.9272

Triad

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



62.1940, -17.8436, -16.8331



59.8080, 31.1537, -52.4516



68.8470, -4.3616, 45.7382

Complementary

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



62.1940, -17.8436, -16.8331



42.8060, 17.8436, 16.8331

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.



71.1090, 8.3273, 35.8614



62.1940, -17.8436, -16.8331



65.8050, 29.1831, -27.0160

Square

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



62.1940, -17.8436, -16.8331



60.3320, 23.0073, -52.9112



72.5280, 19.4597, 11.8149



68.1980, -16.8596, 41.0454

Rectangle

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



62.1940, -17.8436, -16.8331



57.5160, 7.1406, -50.4415



72.5280, 19.4597, 11.8149



69.6880, 0.1538, 44.1236

Sweetspot

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



62.1940, -17.8436, -16.8331



95.5340, -6.6723, -6.6073



62.3920, -17.9413, 14.5652



47.2400, -4.0623, -3.7185



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



62.1940, -17.8436, -16.8331



75.7940, -27.9994, -26.1293



58.1370, -11.4065, -28.1841



36.9460, -1.4524, -0.8296



69.7410, -34.3823, -32.2219



157.1360, -77.4680, -72.9103

Inverse Universe

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



42.8060, 17.8436, 16.8331



45.2060, 27.9994, 26.1293



46.8630, 11.4065, 28.1841



35.3530, 1.3050, 1.4444



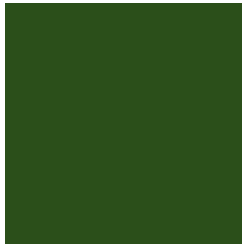
32.2590, 34.3823, 32.2219



72.8640, 77.4680, 72.9103

Previews

White Background



This preview shows how the YUV color 62.1940, -17.8436, -16.8331 looks on a white background.

Color Contrast Check

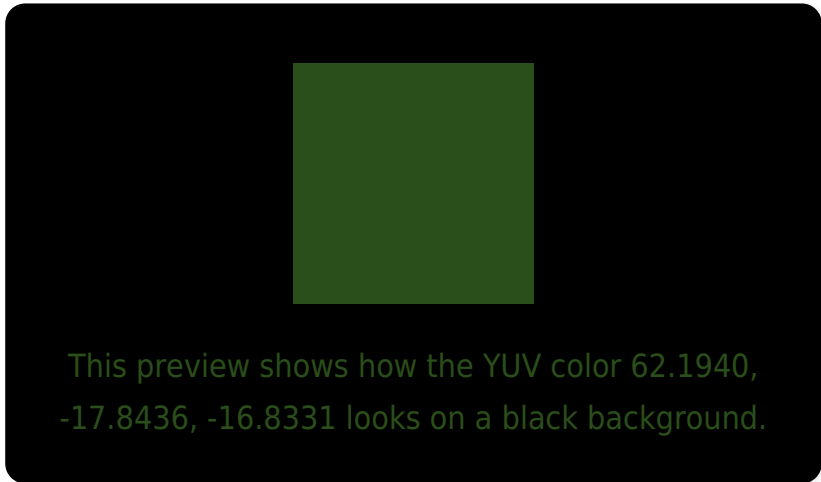
Large Text (above 18pt) WCAG AA ✓ Pass

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

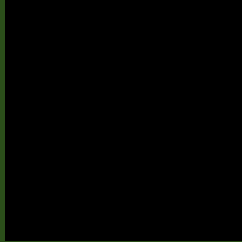
Any Text WCAG AA × Fail

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 62.1940, -17.8436, -16.8331 Background



This preview shows how black text looks on a background with the YUV color 62.1940, -17.8436, -16.8331.



This preview shows how white text looks on a background with the YUV color 62.1940, -17.8436, -16.8331.

-16.8331.

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

62.1940, -17.8436, -16.8331

Protanopia

67.4470, -21.4194, 10.1320

Deuteranopia

68.7620, -19.1097, 15.9947



Tritanopia

68.1060, 5.8637, -14.1250

Trichromacy



Original Color

62.1940, -17.8436, -16.8331

Protanomaly

65.4350, -19.9345, 0.4955

Deuteranomaly

66.2120, -18.3455, 4.1991

Tritanomaly

66.1030, -3.0088, -14.9993

Monochromacy



Original Color

62.1940, -17.8436, -16.8331

Achromatopsia

62.0000, 0.0000, 0.0000

Achromatomaly

61.9470, -6.3829, -6.0925

CSS Examples

Text

The CSS property to change the color of the text to YUV 62.1940, -17.8436, -16.8331 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(43, 79, 26)` looks like.

```
.text, #text, p{  
    color:rgb(43, 79, 26)  
}
```

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(43, 79, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 79, 26) }
```

Border

The CSS property to change the border of an element to YUV 62.1940, -17.8436, -16.8331 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(43, 79, 26) }
```


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

```
.border{ border-color:rgb(43, 79, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 79, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 79, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 79, 26);  
box-shadow:4px 4px 4px 4px rgb(43, 79, 26)  
}
```

Background

The CSS property to change the background color of an element to YUV 62.1940, -17.8436, -16.8331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 79, 26) }
```

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

```
.background{ background-color: rgb(43, 79,  
26) }
```

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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