

Converting Colors

YUV(81.7640, -19.1107,
-30.4880)

Have a look what the booklet for
YUV(81.7640, -19.1107, -30.4880)
contains.

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Color

**YUV(81.7640, -19.1107,
-30.4880)**

Conversions

Conversions Part 1

Format	Color
Hex	2F6B2B
RGB	47, 107, 43
RGB Percent	18%, 42%, 17%
CMY	0.8157, 0.5804, 0.8314
CMYK	0.56, 0.00, 0.60, 0.58
HSL	116°, 43%, 29%
HSV	116°, 60%, 42%
XYZ	6.8660, 11.2941, 4.1036
YIQ	81.7640, -15.2160, -32.6240

Conversions

Conversions Part 2

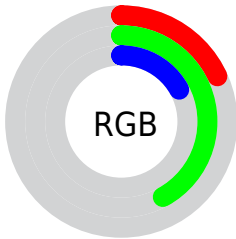
Format	Color
R_{YB}	43, 107, 103
Decimal	3107627
CIE _{Lab}	40.07, -33.45, 29.62
CIE _{LCh}	40, 44.679, 138.475
Yxy	11.2941, 0.3084, 0.5073
Android (android.graphics.Color)	4281297707 (0xFF2F6B2B)
YUV	81.7640, -19.1107, -30.4880
Hunter-Lab	33.6068, -22.3434, 16.2850

Details

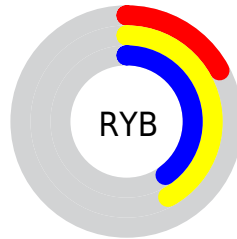
The YUV color **81.7640, -19.1107, -30.4880** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **68.2360, 19.1107, 30.4880**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.3080, -20.8578, -30.0881**, and **34.6330, -17.0741, -30.3731** is the 20% darker color. If you saturate the color by 10%, you get **77.5200, -22.4414, -35.5360**, and if you desaturate by 10%, it is **86.0080, -15.7799, -25.4400**.

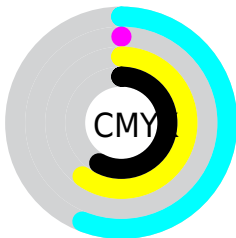
Distribution



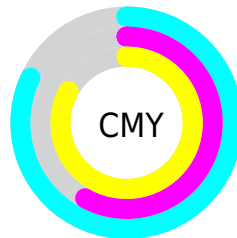
- Red (18%)
- Green (42%)
- Blue (17%)



- Red (17%)
- Yellow (42%)
- Blue (40%)



- Cyan (56%)
- Magenta (0%)
- Yellow (60%)
- Black (58%)





- Cyan (82%)
- Magenta (58%)
- Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the YUV color 81.7640, -19.1107, -30.4880 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 81.7640, -19.1107, -30.4880 by changing the saturation by 10% instead.


 81.7640, -19.1107,
-30.4880


 81.7640, -19.1107,
-30.4880


255.0000, 0.0000,
0.0000


 55.7960, -17.6474,
-33.1471

 133.3080,
-20.8578, -30.0881


 34.6330, -17.0741,
-30.3731


 159.7810,
-21.5840, -30.5029

 22.3060, -10.9969,
-19.5624

 187.2540,
-22.3102, -30.9178

 0.0000, 0.0000,
0.0000

 215.6130,
-23.4732, -31.2326

 234.2210,
-18.8430, -22.9958

 246.0840,

-10.8874, -7.9667

254.7720, -0.8736,
0.2000

■ 81.7640, -19.1107,
-30.4880

■ 81.7640, -19.1107,
-30.4880

■ 77.5200, -22.4414,
-35.5360

■ 86.0080, -15.7799,
-25.4400

■ 73.3900, -25.3353,
-40.6840

■ 90.1380, -12.8860,
-20.2920

■ 69.1460, -28.6660,
-45.7320

■ 94.3820, -9.5553,
-15.2440

■ 64.9020, -31.9967,
-50.7801

■ 98.6260, -6.2246,
-10.1960

■ 102.8700, -2.8939,
-5.1480

■ 107.0000, 0.0000,
0.0000

■ 111.2440, 3.3307,
5.0480

■ 115.4880, 6.6614,
10.0960

■ 119.6180, 9.5553,
15.2440

Harmonies

Analogous

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



87.1460, -35.0750, 3.3800



81.7640, -19.1107, -30.4880



74.1630, 2.3846, -65.0410

Triad

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



81.7640, -19.1107, -30.4880



79.3850, 42.7012, -69.6206



91.9690, -9.3517, 59.6632

Complementary

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



81.7640, -19.1107, -30.4880



68.2360, 19.1107, 30.4880

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.



94.0940, 7.8417, 51.6606



81.7640, -19.1107, -30.4880



92.1460, 35.4240, -22.0530

Square

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



81.7640, -19.1107, -30.4880



80.8550, 33.1025, -70.9098



97.4030, 22.4793, 23.3256



92.0760, -25.1805, 49.9223

Rectangle

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



81.7640, -19.1107, -30.4880



77.6000, 13.0152, -68.0552



97.4030, 22.4793, 23.3256



92.2770, -3.0946, 59.3931

Sweetspot

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



81.7640, -19.1107, -30.4880



130.2730, -7.5296, -11.6404



97.3560, -26.7975, 8.4578



65.1040, -4.4883, -7.1072



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.



81.7640, -19.1107, -30.4880



100.3800, -30.2603, -47.6913



83.7600, -6.2907, -35.7465



51.8210, -1.8838, -2.4740



70.7720, -34.8906, -55.9280



148.3000, -73.1119, -116.9041

Inverse Universe

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



68.2360, 19.1107, 30.4880



78.9190, 30.1129, 48.3060



66.2400, 6.2907, 35.7465



50.1790, 1.8838, 2.4740



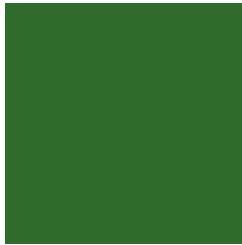
46.2280, 34.8906, 55.9280



96.4010, 73.2593, 116.2893

Previews

White Background



This preview shows how the YUV color 81.7640, -19.1107, -30.4880 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 81.7640, -19.1107, -30.4880 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 81.7640, -19.1107, -30.4880

Background



This preview shows how black text looks on a background with the YUV color 81.7640, -19.1107, -30.4880.



This preview shows how white text looks on a background with the YUV color 81.7640, -19.1107,

-30.4880.

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

81.7640, -19.1107, -30.4880

Protanopia

91.0190, -25.6454, 12.2613

Deuteranopia

92.9860, -22.1781, 20.1833



Tritanopia

89.2510, 9.2433, -24.7761

Trichromacy



Original Color

81.7640, -19.1107, -30.4880

Protanomaly

87.7890, -23.5600, -3.3230

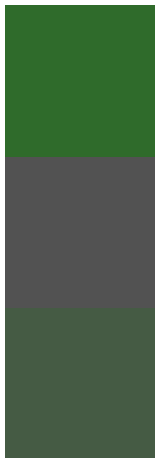
Deuteranomaly

88.8050, -21.1029, 1.9250

Tritanomaly

86.7810, -1.3710, -26.9949

Monochromacy



Original Color

81.7640, -19.1107, -30.4880

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

81.8000, -6.8034, -11.2256

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.7640, -19.1107, -30.4880 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(47, 107, 43)` looks like.

```
.text, #text, p{  
    color:rgb(47, 107, 43)  
}
```

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(47, 107, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 107, 43) }
```

Border

The CSS property to change the border of an element to YUV 81.7640, -19.1107, -30.4880 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(47, 107, 43) }
```


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

```
.border{ border-color:rgb(47, 107, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 107, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 107, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 107, 43);  
box-shadow:4px 4px 4px 4px rgb(47, 107,  
43) }
```

Background

The CSS property to change the background color of an element to YUV 81.7640, -19.1107, -30.4880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 107, 43) }
```

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

```
.background{ background-color: rgb(47, 107,  
43) }
```

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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