

Converting Colors

YUV(87.1400, -19.2960,
-17.6628)

Have a look what the booklet for
YUV(87.1400, -19.2960, -17.6628)
contains.

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Color

**YUV(87.1400, -19.2960,
-17.6628)**

Conversions

Conversions Part 1

Format	Color
Hex	436930
RGB	67, 105, 48
RGB Percent	26%, 41%, 19%
CMY	0.7373, 0.5882, 0.8118
CMYK	0.36, 0.00, 0.54, 0.59
HSL	100°, 37%, 30%
HSV	100°, 54%, 41%
XYZ	7.8998, 11.5098, 4.6016
YIQ	87.1400, -4.3510, -25.7830

Conversions

Conversions Part 2

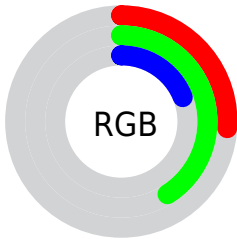
Format	Color
R_{YB}	48, 105, 86
Decimal	4417840
CIE Lab	40.43, -25.01, 27.62
CIE LCh	40, 37.264, 132.162
Yxy	11.5098, 0.3290, 0.4794
Android (android.graphics.Color)	4282607920 (0xFF436930)
YUV	87.1400, -19.2960, -17.6628
Hunter-Lab	33.9262, -17.8065, 15.7065

Details

The YUV color **87.1400, -19.2960, -17.6628** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **65.8600, 19.2960, 17.6628**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.0860, -20.7484, -18.4924**, and **39.2540, -18.8592, -17.7628** is the 20% darker color. If you saturate the color by 10%, you get **83.9070, -22.6322, -20.9664**, and if you desaturate by 10%, it is **90.4870, -15.5231, -14.4591**.

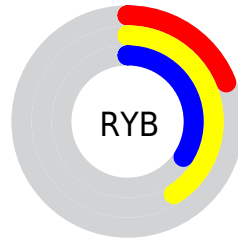
Distribution



Red (26%)

Green (41%)

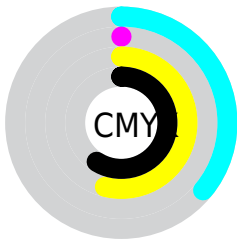
Blue (19%)



Red (19%)

Yellow (41%)

Blue (34%)

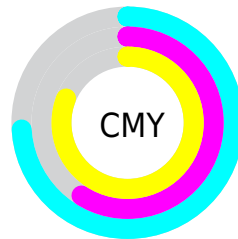


Cyan (36%)

Magenta (0%)

Yellow (54%)

Black (59%)



Cyan (74%)

Magenta (59%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.1400, -19.2960, -17.6628 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 87.1400, -19.2960, -17.6628 by changing the saturation by 10% instead.

87.1400, -19.2960,
-17.6628

87.1400, -19.2960,
-17.6628

255.0000, 0.0000,
0.0000

63.2540, -18.8592,
-17.7628

138.0860,
-20.7484, -18.4924

39.2540, -18.8592,
-17.7628

164.8580,
-21.6220, -18.2925

21.1320, -10.4181,
-18.5328

191.7440,
-22.0588, -18.1925

1.7610, -0.8682,
-1.5444

219.9180,
-22.6376, -19.2221

0.0000, 0.0000,
0.0000

240.4720,
-19.4597, -11.8149

252.1500,

-10.9200, 2.4994

■ 87.1400, -19.2960,
-17.6628

■ 87.1400, -19.2960,
-17.6628

■ 83.9070, -22.6322,
-20.9664

■ 90.4870, -15.5231,
-14.4591

■ 80.5600, -26.4051,
-24.1701

■ 93.7200, -12.1870,
-11.1554

■ 77.3270, -29.7412,
-27.4738

■ 96.9530, -8.8508,
-7.8518

■ 73.9800, -33.5141,
-30.6775

■ 100.3000, -5.0779,
-4.6481

■ 72.1000, -35.5453,
-32.5367

■ 103.6470, -1.3050,
-1.4444

■ 106.8800, 2.0312,
1.8592

■ 110.1130, 5.3673,
5.1629

■ 113.4600, 9.1402,
8.3666

■ 116.8070, 12.9131,
11.5703

Harmonies

Analogous

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



91.3730, -29.2709, 8.4429



87.1400, -19.2960, -17.6628



73.5440, 1.2108, -61.8671

Triad

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



87.1400, -19.2960, -17.6628



78.4900, 36.7334, -68.8357



95.5270, -5.6828, 49.5268

Complementary

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



87.1400, -19.2960, -17.6628



65.8600, 19.2960, 17.6628

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.



97.2450, 8.7532, 39.2501



87.1400, -19.2960, -17.6628



91.9840, 31.0669, -24.5420

Square

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



87.1400, -19.2960, -17.6628



79.3730, 27.4241, -69.6101



97.9950, 21.2015, 13.1594



94.6500, -19.0544, 45.0340

Rectangle

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



87.1400, -19.2960, -17.6628



75.6280, 10.5364, -66.3258



97.9950, 21.2015, 13.1594



95.4820, -0.7306, 47.8123

Sweetspot

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



87.1400, -19.2960, -17.6628



131.0070, -7.3985, -7.0221



87.3490, -19.3991, 15.4799



64.8270, -4.3517, -4.2333



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



87.1400, -19.2960, -17.6628



109.8000, -30.4674, -27.8886



82.4850, -12.5641, -30.2433



52.1200, -2.0312, -1.8592



80.3400, -39.6076, -36.2552



168.3330, -82.9882, -75.7140

Inverse Universe

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



65.8600, 19.2960, 17.6628



76.2000, 30.4674, 27.8886



70.4010, 12.1273, 30.3433



49.8800, 2.0312, 1.8592



36.6600, 39.6076, 36.2552



76.6670, 82.9882, 75.7140

Previews

White Background



This preview shows how the YUV color 87.1400, -19.2960, -17.6628 looks on a white background.

Color Contrast Check

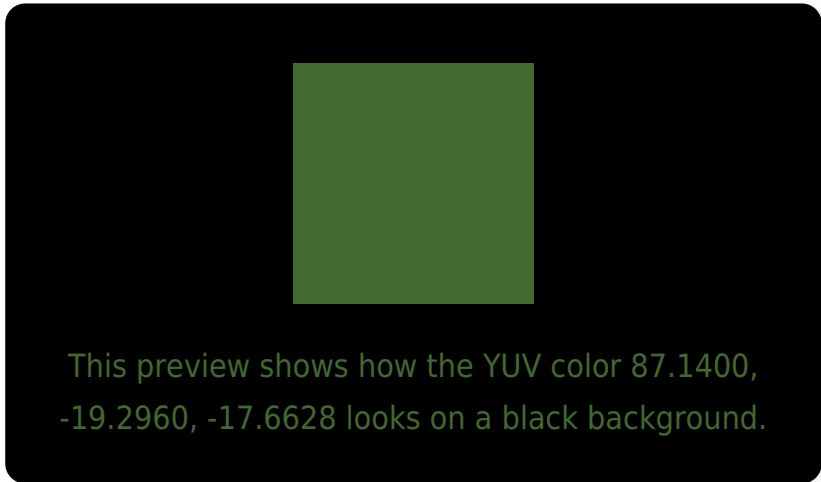
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 87.1400, -19.2960, -17.6628

Background



This preview shows how black text looks on a background with the YUV color 87.1400, -19.2960, -17.6628.



This preview shows how white text looks on a background with the YUV color 87.1400, -19.2960,

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

87.1400, -19.2960, -17.6628

Protanopia

92.2900, -23.3140, 11.1467

Deuteranopia

94.0290, -20.7203, 19.2686



Tritanopia

93.3340, 6.7373, -14.3249

Trichromacy



Original Color

87.1400, -19.2960, -17.6628

Protanomaly

90.5660, -21.9710, 0.3806

Deuteranomaly

91.4680, -19.9507, 5.7286

Tritanomaly

90.9180, -2.4246, -15.7141

Monochromacy



Original Color

87.1400, -19.2960, -17.6628

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

87.4200, -7.1091, -6.5073

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.1400, -19.2960, -17.6628 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(67, 105, 48)` looks like.

```
.text, #text, p{  
    color:rgb(67, 105, 48)  
}
```

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(67, 105, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 105, 48) }
```

Border

The CSS property to change the border of an element to YUV 87.1400, -19.2960, -17.6628 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(67, 105, 48) }
```


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

```
.border{ border-color:rgb(67, 105, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 105, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 105, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 105, 48);  
box-shadow:4px 4px 4px 4px rgb(67, 105,  
48) }
```

Background

The CSS property to change the background color of an element to YUV 87.1400, -19.2960, -17.6628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 105, 48) }
```

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

```
.background{ background-color: rgb(67, 105,  
48) }
```

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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