

Converting Colors

YUV(87.4980, -9.1195, -61.8267)

Have a look what the booklet for
YUV(87.4980, -9.1195, -61.8267)
contains.

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Color

**YUV(87.4980, -9.1195,
-61.8267)**

Conversions

Conversions Part 1

Format	Color
Hex	117F45
RGB	17, 127, 69
RGB Percent	7%, 50%, 27%
CMY	0.9333, 0.5020, 0.7294
CMYK	0.87, 0.00, 0.46, 0.50
HSL	148°, 76%, 28%
HSV	148°, 87%, 50%
XYZ	8.8947, 15.7276, 8.1972
YIQ	87.4980, -46.9420, -41.3580

Conversions

Conversions Part 2

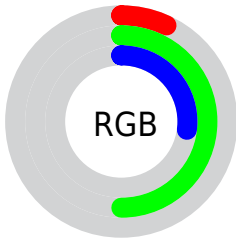
Format	Color
R_{YB}	17, 92, 127
Decimal	1146693
CIE _{Lab}	46.62, -42.89, 23.51
CIE _{LCh}	47, 48.908, 151.272
Yxy	15.7276, 0.2710, 0.4792
Android (android.graphics.Color)	4279336773 (0xFF117F45)
YUV	87.4980, -9.1195, -61.8267
Hunter-Lab	39.6580, -29.3666, 15.5056

Details

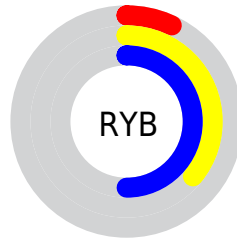
The YUV color **87.4980, -9.1195, -61.8267** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **56.5020, 9.1195, 61.8267**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.8150, -13.2198, -53.3348**, and **47.3480, -11.5106, -41.5242** is the 20% darker color. If you saturate the color by 10%, you get **82.8130, -10.2608, -69.1190**, and if you desaturate by 10%, it is **92.1830, -7.9782, -54.5345**.

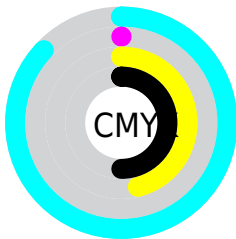
Distribution



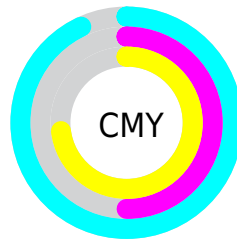
- Red (7%)
- Green (50%)
- Blue (27%)



- Red (7%)
- Yellow (36%)
- Blue (50%)



- Cyan (87%)
- Magenta (0%)
- Yellow (46%)
- Black (50%)



- Cyan (93%)
- Magenta (50%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.4980, -9.1195, -61.8267 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 87.4980, -9.1195, -61.8267 by changing the saturation by 10% instead.

■ 87.4980, -9.1195,
-61.8267

■ 87.4980, -9.1195,
-61.8267

255.0000, 0.0000,
0.0000

■ 64.5310, -9.1358,
-56.5937

■ 144.8150,
-13.2198, -53.3348

■ 47.3480, -11.5106,
-41.5242

■ 172.5870,
-14.0934, -53.1348

■ 31.1110, -15.3377,
-27.2843

■ 200.4730,
-14.5302, -53.0348

■ 18.1970, -8.9711,
-15.9588

■ 222.4890,
-12.0731, -47.7869

■ 0.0000, 0.0000,
0.0000

■ 234.3520, -4.1175,
-32.7577

■ 246.3290, 4.2748,

-17.8285

■ 87.4980, -9.1195,
-61.8267

■ 87.4980, -9.1195,
-61.8267

■ 82.8130, -10.2608,
-69.1190

■ 92.1830, -7.9782,
-54.5345

■ 81.3890, -10.5448,
-71.3782

■ 96.4550, -7.1263,
-47.7570

■ 101.1400, -5.9850,
-40.4648

■ 105.8250, -4.8437,
-33.1725

■ 110.3960, -4.1392,
-25.7803

■ 114.7820, -2.8505,
-19.1028

■ 119.4670, -1.7092,
-11.8106

■ 124.1520, -0.5679,
-4.5183

■ 128.4240, 0.2840,
2.2592

Harmonies

Analogous

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



100.9270, -32.9950, -10.4600



87.4980, -9.1195, -61.8267



88.9640, 10.8637, -78.0214

Triad

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



87.4980, -9.1195, -61.8267



89.5070, 51.0220, -78.4976



107.5970, -18.5353, 65.2514

Complementary

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



87.4980, -9.1195, -61.8267



56.5020, 9.1195, 61.8267

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.



108.9340, 0.5255, 64.9559



87.4980, -9.1195, -61.8267



112.5340, 33.7537, 0.4087

Square

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



87.4980, -9.1195, -61.8267



94.1230, 43.3234, -82.5459



112.9000, 18.7833, 42.1837



107.2470, -34.6318, 48.0184

Rectangle

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



87.4980, -9.1195, -61.8267



92.1560, 23.0941, -80.8208



112.9000, 18.7833, 42.1837



107.9160, -12.2836, 66.7257

Sweetspot

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



87.4980, -9.1195, -61.8267



150.5210, -3.7079, -24.1359



99.2110, -40.5300, -20.3560



74.6300, -2.2826, -14.5845



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



87.4980, -9.1195, -61.8267



106.3340, -13.9687, -93.2549



93.6540, 14.4676, -67.2256



61.4510, -0.7153, -3.9035



81.9760, -10.8342, -71.8930



0.0000, 0.0000, 0.0000

Inverse Universe

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



56.5020, 9.1195, 61.8267



59.5520, 13.5319, 93.3549



50.3460, -14.4676, 67.2256



59.5490, 0.7153, 3.9035



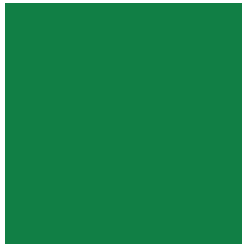
45.9100, 10.3974, 71.9929



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 87.4980, -9.1195, -61.8267 looks on a white background.

Color Contrast Check

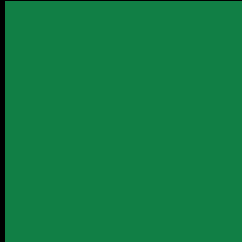
Large Text (above 18pt) WCAG AA ✓ Pass

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 87.4980, -9.1195, -61.8267 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 87.4980, -9.1195, -61.8267

Background



This preview shows how black text looks on a background with the YUV color 87.4980, -9.1195, -61.8267.



This preview shows how white text looks on a background with the YUV color 87.4980, -9.1195,

-61.8267.

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

87.4980, -9.1195, -61.8267

Protanopia

107.9310, -22.1510, 11.4615

Deuteranopia

109.5390, -17.5207, 19.6983



Tritanopia

100.2100, 14.6865, -44.0342

Trichromacy



Original Color

87.4980, -9.1195, -61.8267



Protanomaly

100.3190, -17.4123, -15.1888



Deuteranomaly

101.4490, -14.5184, -10.0408



Tritanomaly

95.8750, 5.9776, -50.7564

Monochromacy



Original Color

87.4980, -9.1195, -61.8267



Achromatopsia

87.0000, 0.0000, 0.0000



Achromatomaly

87.5320, -3.7133, -22.3916

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.4980, -9.1195, -61.8267 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(17, 127, 69)` looks like.

```
.text, #text, p{  
    color:rgb(17, 127, 69)  
}
```

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(17, 127, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 127, 69) }
```

Border

The CSS property to change the border of an element to YUV 87.4980, -9.1195, -61.8267 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(17, 127, 69) }
```


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

```
.border{ border-color:rgb(17, 127, 69) }
```

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

Here you see how a box with a 4 pixel rgb(17, 127, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 127, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 127, 69);  
box-shadow:4px 4px 4px 4px rgb(17, 127,  
69) }
```

Background

The CSS property to change the background color of an element to YUV 87.4980, -9.1195, -61.8267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 127, 69) }
```

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

```
.background{ background-color: rgb(17, 127,  
69) }
```

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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