

Converting Colors

YUV(87.4010, -12.0297,
-61.7417)

Have a look what the booklet for
YUV(87.4010, -12.0297, -61.7417)
contains.

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Color

**YUV(87.4010, -12.0297,
-61.7417)**

Conversions

Conversions Part 1

Format	Color
Hex	11803F
RGB	17, 128, 63
RGB Percent	7%, 50%, 25%
CMY	0.9333, 0.4980, 0.7529
CMYK	0.87, 0.00, 0.51, 0.50
HSL	145°, 77%, 28%
HSV	145°, 87%, 50%
XYZ	8.8475, 15.9164, 7.3085
YIQ	87.4010, -45.2910, -43.7470

Conversions

Conversions Part 2

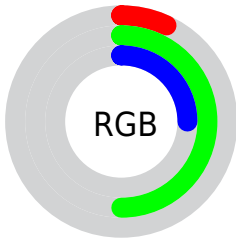
Format	Color
R_{YB}	17, 95, 128
Decimal	1146943
CIE _{Lab}	46.86, -44.37, 27.11
CIE _{LCh}	47, 51.991, 148.576
Yxy	15.9164, 0.2759, 0.4963
Android (android.graphics.Color)	4279337023 (0xFF11803F)
YUV	87.4010, -12.0297, -61.7417
Hunter-Lab	39.8954, -30.2312, 17.0653

Details

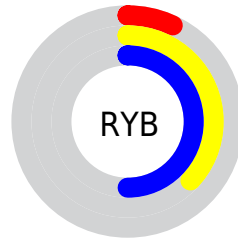
The YUV color **87.4010, -12.0297, -61.7417** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **57.5990, 12.0297, 61.7417**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.7180, -16.1300, -53.2497**, and **47.1370, -14.8575, -41.3391** is the 20% darker color. If you saturate the color by 10%, you get **82.7160, -13.1710, -69.0339**, and if you desaturate by 10%, it is **92.0860, -10.8884, -54.4494**.

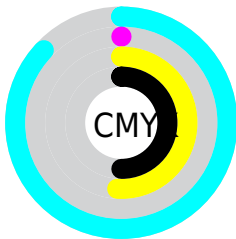
Distribution



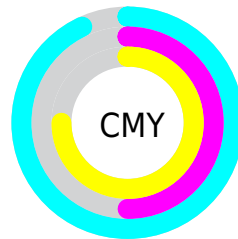
- Red (7%)
- Green (50%)
- Blue (25%)



- Red (7%)
- Yellow (37%)
- Blue (50%)



- Cyan (87%)
- Magenta (0%)
- Yellow (51%)
- Black (50%)



- Cyan (93%)
- Magenta (50%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.4010, -12.0297, -61.7417 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 87.4010, -12.0297, -61.7417 by changing the saturation by 10% instead.

■ 87.4010, -12.0297,
-61.7417

■ 87.4010, -12.0297,
-61.7417

255.0000, 0.0000,
0.0000

■ 64.4340, -12.0460,
-56.5086

■ 144.7180,
-16.1300, -53.2497

■ 47.1370, -14.8575,
-41.3391

■ 172.4900,
-17.0036, -53.0497

■ 31.1110, -15.3377,
-27.2843

■ 200.8490,
-18.1666, -53.3646

■ 18.7840, -9.2605,
-16.4736

■ 222.1040,
-14.8413, -46.5722

■ 0.0000, 0.0000,
0.0000

■ 233.6680, -6.7383,
-32.1578

■ 245.8300, 1.0698,

-16.5139

■ 87.4010, -12.0297,
-61.7417

■ 87.4010, -12.0297,
-61.7417

■ 82.7160, -13.1710,
-69.0339

■ 92.0860, -10.8884,
-54.4494

■ 81.1780, -13.8918,
-71.1931

■ 96.8850, -9.3103,
-47.2571

■ 101.2710, -8.0216,
-40.5797

■ 106.0700, -6.4435,
-33.3874

■ 110.7550, -5.3022,
-26.0951

■ 115.5540, -3.7241,
-18.9029

■ 120.2390, -2.5828,
-11.6106

■ 124.7390, -0.8573,
-5.0331

■ 129.4240, 0.2840,
2.2592

Harmonies

Analogous

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



101.2710, -38.0946, -8.1307



87.4010, -12.0297, -61.7417



89.2090, 9.2640, -78.2363

Triad

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



87.4010, -12.0297, -61.7417



91.3650, 53.0641, -80.1271



107.5590, -17.5306, 69.6698

Complementary

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



87.4010, -12.0297, -61.7417



57.5990, 12.0297, 61.7417

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.



108.9390, 2.9881, 68.4595



87.4010, -12.0297, -61.7417



111.8260, 37.5538, -5.1094

Square

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



87.4010, -12.0297, -61.7417



95.6390, 44.0550, -83.8754



113.8830, 21.2567, 42.1986



107.6390, -35.8110, 52.9366

Rectangle

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



87.4010, -12.0297, -61.7417



93.2160, 22.0785, -81.7504



113.8830, 21.2567, 42.1986



107.7040, -10.7001, 72.1736

Sweetspot

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



87.4010, -12.0297, -61.7417



150.2930, -4.5814, -23.9360



102.1900, -41.9987, -15.9526



74.5160, -2.7194, -14.4845



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.



87.4010, -12.0297, -61.7417



105.3080, -17.8998, -92.3551



93.5570, 11.5574, -67.1405



61.4510, -0.7153, -3.9035



81.1780, -13.8918, -71.1931



0.0000, 0.0000, 0.0000

Inverse Universe

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



57.5990, 12.0297, 61.7417



60.6920, 17.8998, 92.3551



51.4430, -11.5574, 67.1405



59.5490, 0.7153, 3.9035



46.8220, 13.8918, 71.1931



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 87.4010, -12.0297, -61.7417 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 87.4010, -12.0297, -61.7417 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 87.4010, -12.0297, -61.7417

Background



This preview shows how black text looks on a background with the YUV color 87.4010, -12.0297, -61.7417.



This preview shows how white text looks on a background with the YUV color 87.4010, -12.0297, -61.7417.

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

87.4010, -12.0297, -61.7417

Protanopia

108.1330, -25.2086, 12.1614

Deuteranopia

110.1540, -20.2889, 20.9129



Tritanopia

101.0960, 14.2497, -43.9342

Trichromacy



Original Color

87.4010, -12.0297, -61.7417

Protanomaly

100.5210, -20.4699, -14.4889

Deuteranomaly

101.7650, -17.1391, -9.4409

Tritanomaly

96.5330, 4.6672, -50.4564

Monochromacy



Original Color

87.4010, -12.0297, -61.7417

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

87.3040, -4.5869, -22.1916

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.4010, -12.0297, -61.7417 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, 128, 63)` looks like.

```
.text, #text, p{  
    color:rgb(17, 128, 63)  
}
```

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, 128, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 128, 63) }
```

Border

The CSS property to change the border of an element to YUV 87.4010, -12.0297, -61.7417 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, 128, 63) }
```


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

```
.border{ border-color:rgb(17, 128, 63) }
```

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

Here you see how a box with a 4 pixel rgb(17, 128, 63) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 128, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 128, 63);  
box-shadow:4px 4px 4px 4px rgb(17, 128,  
63) }
```

Background

The CSS property to change the background color of an element to YUV 87.4010, -12.0297, -61.7417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 128, 63) }
```

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

```
.background{ background-color: rgb(17, 128,  
63) }
```

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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