

Converting Colors

YUV(83.6880, -7.2412, -57.6084)

Have a look what the booklet for
YUV(83.6880, -7.2412, -57.6084)
contains.

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Color

**YUV(83.6880, -7.2412,
-57.6084)**

Conversions

Conversions Part 1

Format	Color
Hex	127845
RGB	18, 120, 69
RGB Percent	7%, 47%, 27%
CMY	0.9294, 0.5294, 0.7294
CMYK	0.85, 0.00, 0.43, 0.53
HSL	150°, 74%, 27%
HSV	150°, 85%, 47%
XYZ	8.0401, 13.9912, 7.9070
YIQ	83.6880, -44.4210, -37.4850

Conversions

Conversions Part 2

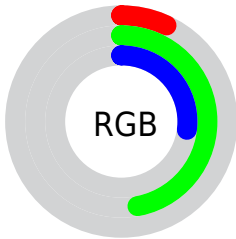
Format	Color
RYB	18, 86, 120
Decimal	1210437
CIELab	44.22, -40.08, 20.39
CIELCh	44, 44.969, 153.041
Yxy	13.9912, 0.2686, 0.4673
Android (android.graphics.Color)	4279400517 (0xFF127845)
YUV	83.6880, -7.2412, -57.6084
Hunter-Lab	37.4048, -27.0902, 13.6500

Details

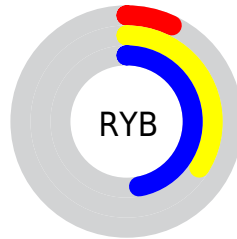
The YUV color **83.6880, -7.2412, -57.6084** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **54.3120, 7.2412, 57.6084**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.5210, -10.6099, -50.4459**, and **43.8260, -9.7742, -38.4354** is the 20% darker color. If you saturate the color by 10%, you get **79.4160, -8.0931, -64.3858**, and if you desaturate by 10%, it is **87.9600, -6.3893, -50.8309**.

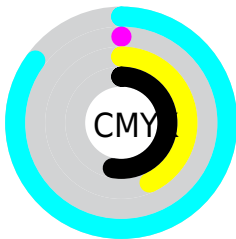
Distribution



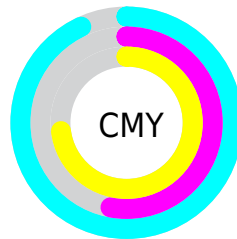
- Red (7%)
- Green (47%)
- Blue (27%)



- Red (7%)
- Yellow (34%)
- Blue (47%)



- Cyan (85%)
- Magenta (0%)
- Yellow (43%)
- Black (53%)



- Cyan (93%)
- Magenta (53%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.6880, -7.2412, -57.6084 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 83.6880, -7.2412, -57.6084 by changing the saturation by 10% instead.

■ 83.6880, -7.2412,
-57.6084

■ 83.6880, -7.2412,
-57.6084

255.0000, 0.0000,
0.0000

■ 61.0090, -7.3994,
-53.5049

■ 139.5210,
-10.6099, -50.4459

■ 43.8260, -9.7742,
-38.4354

■ 167.2930,
-11.4834, -50.2460

■ 27.5890, -13.6014,
-24.1956

■ 194.7660,
-12.2096, -50.6608

■ 13.5010, -6.6560,
-11.8404

■ 221.5920,
-11.6309, -49.6312

■ 0.0000, 0.0000,
0.0000

■ 233.4550, -3.6753,
-34.6020

■ 245.3180, 4.2802,

-19.5729

254.1030, 0.4422,
-1.8443

■ 83.6880, -7.2412,
-57.6084

■ 83.6880, -7.2412,
-57.6084

■ 79.4160, -8.0931,
-64.3858

■ 87.9600, -6.3893,
-50.8309

■ 77.2800, -8.5190,
-67.7746

■ 92.2320, -5.5374,
-44.0535

■ 96.5040, -4.6855,
-37.2760

■ 100.7760, -3.8336,
-30.4986

■ 105.0480, -2.9817,
-23.7211

■ 109.3200, -2.1298,
-16.9436

■ 113.5920, -1.2779,
-10.1662

■ 117.8640, -0.4260,
-3.3887

■ 122.1360, 0.4260,
3.3887

Harmonies

Analogous

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



95.6540, -28.9164, -11.9746



83.6880, -7.2412, -57.6084



83.8120, 11.4317, -73.5031

Triad

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



83.6880, -7.2412, -57.6084



87.9880, 44.8689, -64.8875



102.6670, -18.0768, 58.1740

Complementary

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



83.6880, -7.2412, -57.6084



54.3120, 7.2412, 57.6084

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.



103.8470, -0.9106, 58.8932



83.6880, -7.2412, -57.6084



106.8180, 29.6697, 3.6676

Square

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



83.6880, -7.2412, -57.6084



88.1730, 40.8337, -77.3277



106.7920, 15.8785, 40.5244



102.0830, -32.5789, 42.9002

Rectangle

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



83.6880, -7.2412, -57.6084



86.7760, 22.7884, -76.1026



106.7920, 15.8785, 40.5244



102.5840, -12.1199, 60.8778

Sweetspot

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



83.6880, -7.2412, -57.6084



141.3470, -3.1291, -23.1063



93.1230, -37.0356, -21.1559



70.4560, -1.7038, -13.5549



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



83.6880, -7.2412, -57.6084



100.4640, -11.0748, -88.1069



89.5020, 15.0355, -62.7073



58.8640, -0.4260, -3.3887



80.4430, -9.0924, -70.5485



162.2880, -17.8900, -142.3266

Inverse Universe

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



54.3120, 7.2412, 57.6084



55.5360, 11.0748, 88.1069



48.4980, -15.0355, 62.7073



57.1360, 0.4260, 3.3887



44.4430, 8.6556, 70.6485



89.7120, 17.8900, 142.3266

Previews

White Background



This preview shows how the YUV color 83.6880, -7.2412, -57.6084 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 83.6880, -7.2412, -57.6084 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 83.6880, -7.2412, -57.6084

Background



This preview shows how black text looks on a background with the YUV color 83.6880, -7.2412, -57.6084.



This preview shows how white text looks on a background with the YUV color 83.6880, -7.2412, -57.6084.

-57.6084.

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

83.6880, -7.2412, -57.6084

Protanopia

102.3160, -19.3828, 10.2469

Deuteranopia

104.2120, -14.8945, 17.3541



Tritanopia

94.9930, 13.8075, -42.0899

Trichromacy



Original Color

83.6880, -7.2412, -57.6084

Protanomaly

95.6010, -15.0863, -14.5591

Deuteranomaly

96.4320, -12.0450, -10.0259

Tritanomaly

90.5980, 6.1142, -47.8824

Monochromacy



Original Color

83.6880, -7.2412, -57.6084

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

83.8850, -2.4083, -20.9471

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.6880, -7.2412, -57.6084 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(18, 120, 69)` looks like.

```
.text, #text, p{  
    color:rgb(18, 120, 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(18, 120, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 120, 69) }
```

Border

The CSS property to change the border of an element to YUV 83.6880, -7.2412, -57.6084 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(18, 120, 69) }
```


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

```
.border{ border-color:rgb(18, 120, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 120, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 120, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 120, 69);  
box-shadow:4px 4px 4px 4px rgb(18, 120,  
69) }
```

Background

The CSS property to change the background color of an element to YUV 83.6880, -7.2412, -57.6084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 120, 69) }
```

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

```
.background{ background-color: rgb(18, 120,  
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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