

Converting Colors

YUV(80.7170, 2.1115, -70.7888)

Have a look what the booklet for
YUV(80.7170, 2.1115, -70.7888)
contains.

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Color

**YUV(80.7170, 2.1115,
-70.7888)**

Conversions

Conversions Part 1

Format	Color
Hex	007955
RGB	0, 121, 85
RGB Percent	0%, 47%, 33%
CMY	1.0000, 0.5255, 0.6667
CMYK	1.00, 0.00, 0.30, 0.53
HSL	162°, 100%, 24%
HSV	162°, 100%, 47%
XYZ	8.4771, 14.3306, 10.9136
YIQ	80.7170, -60.5600, -36.8480

Conversions

Conversions Part 2

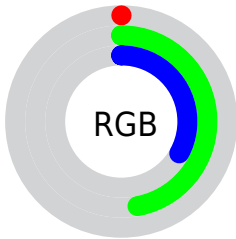
Format	Color
RYB	0, 71, 121
Decimal	31061
CIELab	44.70, -38.26, 11.76
CIELCh	45, 40.024, 162.917
Yxy	14.3306, 0.2514, 0.4250
Android (android.graphics.Color)	4278221141 (0xFF007955)
YUV	80.7170, 2.1115, -70.7888
Hunter-Lab	37.8558, -26.2761, 9.4061

Details

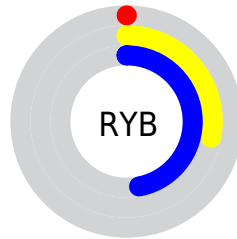
The YUV color **80.7170, 2.1115, -70.7888** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **40.2830, -2.1115, 70.7888**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.5510, -2.7366, -55.7342**, and **46.2370, -3.0748, -40.5498** is the 20% darker color. If you saturate the color by 10%, you get **80.7170, 2.1115, -70.7888**, and if you desaturate by 10%, it is **84.7610, 2.0898, -63.8114**.

Distribution



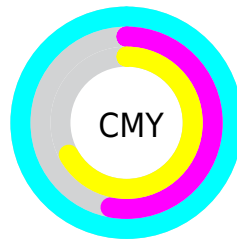
- Red (0%)
- Green (47%)
- Blue (33%)



- Red (0%)
- Yellow (28%)
- Blue (47%)



- Cyan (100%)
- Magenta (0%)
- Yellow (30%)
- Black (53%)



- Cyan (100%)
- Magenta (53%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 80.7170, 2.1115, -70.7888 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 80.7170, 2.1115, -70.7888 by changing the saturation by 10% instead.

■ 80.7170, 2.1115,
-70.7888

■ 80.7170, 2.1115,
-70.7888

255.0000, 0.0000,
0.0000

■ 63.4200, -0.7001,
-55.6193

■ 140.5510, -2.7366,
-55.7342

■ 46.2370, -3.0748,
-40.5498

■ 168.3230, -3.6102,
-55.5343

■ 30.3420, -5.5916,
-26.6099

■ 196.2090, -4.0470,
-55.4343

■ 14.6750, -7.2348,
-12.8700

■ 222.4480, -3.1789,
-53.8899

■ 0.0000, 0.0000,
0.0000

■ 234.3110, 4.7767,
-38.8607

■ 244.2360, 5.3067,

-22.1320

252.9070, 1.0318,
-4.3034

80.7170, 2.1115,
-70.7888

84.7610, 2.0898,
-63.8114

88.6910, 1.6313,
-56.7340

92.7350, 1.6096,
-49.7566

96.6650, 1.1512,
-42.6792

100.7090, 1.1295,
-35.7018

■ 105.0520, 0.9604,
-28.1096

■ 108.9820, 0.5019,
-21.0322

■ 113.0260, 0.4802,
-14.0548

■ 116.9560, 0.0217,
-6.9774

Harmonies

Analogous

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



97.0750, -20.7430, -20.2368



80.7170, 2.1115, -70.7888



85.2940, 17.1101, -74.8028

Triad

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



80.7170, 2.1115, -70.7888



102.3690, 33.8351, -25.7566



105.1020, -21.2493, 49.0225

Complementary

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



80.7170, 2.1115, -70.7888



40.2830, -2.1115, 70.7888

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.



106.0330, -6.4253, 54.3451



80.7170, 2.1115, -70.7888



109.0600, 22.6484, 15.7334

Square

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



80.7170, 2.1115, -70.7888



86.7710, 40.5389, -76.0982



107.6800, 9.0318, 43.2536



103.3590, -31.2360, 32.1342

Rectangle

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



80.7170, 2.1115, -70.7888



87.1010, 26.5722, -76.3876



107.6800, 9.0318, 43.2536



104.9760, -16.7502, 52.6410

Sweetspot

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



80.7170, 2.1115, -70.7888



142.3510, 0.8130, -27.4948



81.7910, -40.3230, -40.1587



69.7160, 0.6330, -16.4139



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.



80.7170, 2.1115, -70.7888



105.4000, 2.7608, -92.4358



70.7330, 24.7816, -62.0328



58.9780, 0.0108, -3.4887



83.4070, 2.2643, -73.1479



168.1020, 4.3867, -147.4255

Inverse Universe

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



40.2830, -2.1115, 70.7888



52.6000, -2.7608, 92.4358



50.2670, -24.7816, 62.0328



57.0220, -0.0108, 3.4887



41.5930, -2.2643, 73.1479



83.8980, -4.3867, 147.4255

Previews

White Background



This preview shows how the YUV color 80.7170, 2.1115, -70.7888 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 80.7170, 2.1115, -70.7888 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 80.7170, 2.1115, -70.7888

Background



This preview shows how black text looks on a background with the YUV color 80.7170, 2.1115, -70.7888.



This preview shows how white text looks on a background with the YUV color 80.7170, 2.1115, -70.7888.

-70.7888.

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

80.7170, 2.1115, -70.7888

Protanopia

104.3140, -12.9728, 7.6176

Deuteranopia

105.6120, -8.1897, 13.4953



Tritanopia

94.6010, 14.9867, -47.0081

Trichromacy



Original Color

80.7170, 2.1115, -70.7888

Protanomaly

95.9190, -7.3551, -20.9770

Deuteranomaly

96.4510, -4.1663, -17.0585

Tritanomaly

89.5800, 10.0671, -55.7597

Monochromacy



Original Color

80.7170, 2.1115, -70.7888

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

81.2480, 0.3707, -25.6505

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.7170, 2.1115, -70.7888 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(0, 121, 85)` looks like.

```
.text, #text, p{  
    color:rgb(0, 121, 85)  
}
```

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(0, 121, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 121, 85) }
```

Border

The CSS property to change the border of an element to YUV 80.7170, 2.1115, -70.7888 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(0, 121, 85) }
```


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

```
.border{ border-color:rgb(0, 121, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 121, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 121, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 121, 85);  
box-shadow:4px 4px 4px 4px rgb(0, 121, 85)  
}
```

Background

The CSS property to change the background color of an element to YUV 80.7170, 2.1115, -70.7888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 121, 85) }
```

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

```
.background{ background-color: rgb(0, 121,  
85) }
```

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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