

Converting Colors

YUV(82.6090, -0.7932, -72.4481)

Have a look what the booklet for
YUV(82.6090, -0.7932, -72.4481)
contains.

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Color

**YUV(82.6090, -0.7932,
-72.4481)**

Conversions

Conversions Part 1

Format	Color
Hex	007D51
RGB	0, 125, 81
RGB Percent	0%, 49%, 32%
CMY	1.0000, 0.5098, 0.6824
CMYK	1.00, 0.00, 0.35, 0.51
HSL	159°, 100%, 25%
HSV	159°, 100%, 49%
XYZ	8.8188, 15.2613, 10.2655
YIQ	82.6090, -60.3760, -40.1840

Conversions

Conversions Part 2

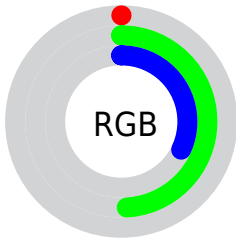
Format	Color
RYB	0, 76, 125
Decimal	32081
CIELab	45.99, -40.84, 15.85
CIElCh	46, 43.810, 158.787
Yxy	15.2613, 0.2568, 0.4443
Android (android.graphics.Color)	4278222161 (0xFF007D51)
YUV	82.6090, -0.7932, -72.4481
Hunter-Lab	39.0657, -28.0699, 11.7661

Details

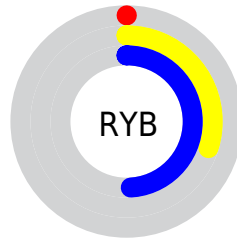
The YUV color **82.6090, -0.7932, -72.4481** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **42.3910, 0.7932, 72.4481**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.3290, -6.0782, -57.2935**, and **48.1290, -5.9796, -42.2091** is the 20% darker color. If you saturate the color by 10%, you get **82.6090, -0.7932, -72.4481**, and if you desaturate by 10%, it is **86.6530, -0.8149, -65.4707**.

Distribution



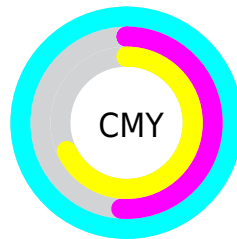
- Red (0%)
- Green (49%)
- Blue (32%)



- Red (0%)
- Yellow (30%)
- Blue (49%)



- Cyan (100%)
- Magenta (0%)
- Yellow (35%)
- Black (51%)



- Cyan (100%)
- Magenta (51%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.6090, -0.7932, -72.4481 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 82.6090, -0.7932, -72.4481 by changing the saturation by 10% instead.

82.6090, -0.7932,
-72.4481

82.6090, -0.7932,
-72.4481

255.0000, 0.0000,
0.0000

64.7250, -3.3154,
-56.7638

143.3290, -6.0782,
-57.2935

48.1290, -5.9796,
-42.2091

170.5140, -6.6624,
-56.5788

31.6470, -8.2070,
-27.7544

198.9870, -7.3886,
-56.9936

17.0230, -8.3923,
-14.9292

222.4760, -5.6577,
-52.1605

0.0000, 0.0000,
0.0000

234.1540, 2.8821,
-37.8461

244.8340, 5.0118,

-20.9024

253.5050, 0.7370,
-3.0739

82.6090, -0.7932,
-72.4481

86.6530, -0.8149,
-65.4707

91.1100, -0.5472,
-57.9785

95.4530, -0.7163,
-50.3863

99.6110, -0.3012,
-43.5088

103.9540, -0.4703,
-35.9167

■ 107.9980, -0.4920,
-28.9392

■ 112.1560, -0.0769,
-22.0618

■ 116.4990, -0.2460,
-14.4696

■ 120.9560, 0.0217,
-6.9774

Harmonies

Analogous

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



99.5330, -25.4058, -18.0074



82.6090, -0.7932, -72.4481



88.1150, 15.2263, -77.2769

Triad

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



82.6090, -0.7932, -72.4481



101.9590, 38.9672, -38.5520



107.2600, -20.8342, 55.9000

Complementary

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



82.6090, -0.7932, -72.4481



42.3910, 0.7932, 72.4481

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.



108.6360, -4.2575, 59.0782



82.6090, -0.7932, -72.4481



112.0640, 26.5904, 11.3449

Square

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



82.6090, -0.7932, -72.4481



90.6180, 42.5863, -79.4720



111.4890, 12.0839, 44.2981



106.2350, -33.1469, 38.3819

Rectangle

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



82.6090, -0.7932, -72.4481



90.2640, 25.9988, -79.1615



111.4890, 12.0839, 44.2981



107.6500, -15.6034, 58.1890

Sweetspot

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



82.6090, -0.7932, -72.4481



146.4110, -0.2026, -28.4244



87.1290, -42.9546, -36.0701



71.7760, -0.3826, -17.3436



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



82.6090, -0.7932, -72.4481



107.7650, -0.8701, -94.5099



77.6460, 23.3455, -68.0955



61.6790, 0.1583, -4.1035



84.5980, -0.7878, -74.1924



0.0000, 0.0000, 0.0000

Inverse Universe

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



42.3910, 0.7932, 72.4481



55.2350, 0.8701, 94.5099



47.3540, -23.3455, 68.0955



59.4350, 0.2785, 4.0035



43.4020, 0.7878, 74.1924



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 82.6090, -0.7932, -72.4481 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 82.6090, -0.7932, -72.4481 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 82.6090, -0.7932, -72.4481

Background



This preview shows how black text looks on a background with the YUV color 82.6090, -0.7932, -72.4481.

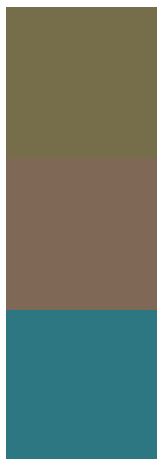


This preview shows how white text looks on a background with the YUV color 82.6090, -0.7932,

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



Protanopia

107.7010, -16.6146, 9.0322

Deuteranopia

108.8250, -11.2527, 15.9395

Tritanopia

97.7150, 15.4235, -47.1081

Trichromacy



Protanomaly

98.7080, -10.7020, -20.7919

Deuteranomaly

99.5390, -7.6607, -16.2587

Tritanomaly

92.1670, 9.7777, -56.2745

Monochromacy



Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

82.7210, -0.3555, -26.0653

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.6090, -0.7932, -72.4481 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, 125, 81)` looks like.

```
.text, #text, p{  
    color:rgb(0, 125, 81)  
}
```

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, 125, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 125, 81) }
```

Border

The CSS property to change the border of an element to YUV 82.6090, -0.7932, -72.4481 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, 125, 81) }
```

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

```
.border{ border-color:rgb(0, 125, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 125, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 125, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 125, 81);  
box-shadow:4px 4px 4px 4px rgb(0, 125, 81)  
}
```


Background

The CSS property to change the background color of an element to YUV 82.6090, -0.7932, -72.4481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 125, 81) }
```

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

```
.background{ background-color: rgb(0, 125,  
81) }
```

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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