

Converting Colors

YUV(76.2830, 0.3535, -66.9002)

Have a look what the booklet for
YUV(76.2830, 0.3535, -66.9002)
contains.

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Color

**YUV(76.2830, 0.3535,
-66.9002)**

Conversions

Conversions Part 1

Format	Color
Hex	00734D
RGB	0, 115, 77
RGB Percent	0%, 45%, 30%
CMY	1.0000, 0.5490, 0.6980
CMYK	1.00, 0.00, 0.33, 0.55
HSL	160°, 100%, 23%
HSV	160°, 100%, 45%
XYZ	7.4703, 12.7973, 9.0976
YIQ	76.2830, -56.3420, -36.1980

Conversions

Conversions Part 2

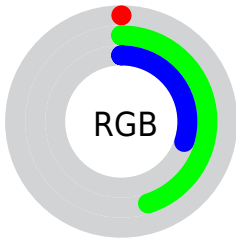
Format	Color
RYB	0, 69, 115
Decimal	29517
CIELab	42.46, -37.79, 13.35
CIELCh	42, 40.080, 160.542
Yxy	12.7973, 0.2544, 0.4358
Android (android.graphics.Color)	4278219597 (0xFF00734D)
YUV	76.2830, 0.3535, -66.9002
Hunter-Lab	35.7733, -25.3284, 9.9632

Details

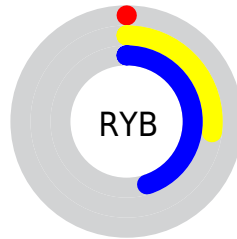
The YUV color **76.2830, 0.3535, -66.9002** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **38.7170, -0.3535, 66.9002**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.1060, -4.4893, -53.5900**, and **42.3900, -5.1223, -37.1760** is the 20% darker color. If you saturate the color by 10%, you get **76.2830, 0.3535, -66.9002**, and if you desaturate by 10%, it is **80.0280, 0.4792, -60.5376**.

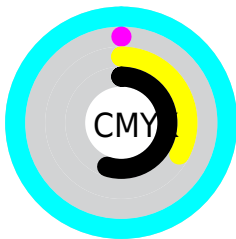
Distribution



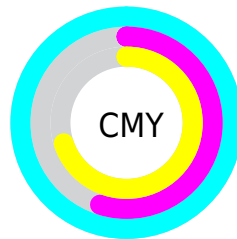
- Red (0%)
- Green (45%)
- Blue (30%)



- Red (0%)
- Yellow (27%)
- Blue (45%)



- Cyan (100%)
- Magenta (0%)
- Yellow (33%)
- Black (55%)



- Cyan (100%)
- Magenta (55%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.2830, 0.3535, -66.9002 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 76.2830, 0.3535, -66.9002 by changing the saturation by 10% instead.

■ 76.2830, 0.3535,
-66.9002

■ 76.2830, 0.3535,
-66.9002

■ 255.0000, 0.0000,
0.0000

■ 58.9860, -2.4581,
-51.7307

■ 135.1060, -4.4893,
-53.5900

■ 42.3900, -5.1223,
-37.1760

■ 162.2910, -5.0735,
-52.8752

■ 26.4950, -7.6390,
-23.2361

■ 190.7640, -5.7997,
-53.2900

■ 9.3920, -4.6303,
-8.2368

■ 219.2370, -6.5258,
-53.7048

■ 0.0000, 0.0000,
0.0000

■ 232.3880, 1.2877,
-39.8053

■ 243.3390, 5.7489,

-23.9763

252.0100, 1.4741,
-6.1478

76.2830, 0.3535,
-66.9002

80.0280, 0.4792,
-60.5376

84.0720, 0.4575,
-53.5601

88.0020, -0.0010,
-46.4828

91.7470, 0.1247,
-40.1201

95.7910, 0.1030,
-33.1427

■ 99.5360, 0.2288,
-26.7801

■ 103.5800, 0.2071,
-19.8027

■ 107.2110, -0.1040,
-13.3400

■ 111.2550, -0.1257,
-6.3626

Harmonies

Analogous

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



91.1570, -21.7694, -17.6777



76.2830, 0.3535, -66.9002



81.3330, 14.6258, -71.3290

Triad

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



76.2830, 0.3535, -66.9002



95.4500, 34.2882, -31.0896



98.8570, -19.6495, 49.2374

Complementary

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



76.2830, 0.3535, -66.9002



38.7170, -0.3535, 66.9002

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.



100.0760, -4.9675, 53.4303



76.2830, 0.3535, -66.9002



103.2660, 23.5329, 12.0447

Square

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



76.2830, 0.3535, -66.9002



83.0380, 38.9283, -72.8243



102.0110, 10.3476, 41.2094



98.1850, -30.6572, 33.1638

Rectangle

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



76.2830, 0.3535, -66.9002



83.2540, 24.5248, -73.0138



102.0110, 10.3476, 41.2094



99.4320, -15.0030, 52.2411

Sweetspot

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



76.2830, 0.3535, -66.9002



134.9490, 0.5181, -26.2653



78.8670, -38.8814, -35.8404



67.4880, -0.2406, -16.2140



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



76.2830, 0.3535, -66.9002



99.5640, 0.7079, -87.3176



69.4620, 22.4502, -60.9182



56.9780, 0.0108, -3.4887



80.9620, 0.5117, -71.0037



165.7880, 0.5975, -145.3961

Inverse Universe

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



38.7170, -0.3535, 66.9002



50.5500, -0.2712, 87.2176



45.5380, -22.4502, 60.9182



55.0220, -0.0108, 3.4887



41.0380, -0.5117, 71.0037



84.2120, -0.5975, 145.3961

Previews

White Background



This preview shows how the YUV color 76.2830, 0.3535, -66.9002 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 76.2830, 0.3535, -66.9002 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 76.2830, 0.3535, -66.9002

Background



This preview shows how black text looks on a background with the YUV color 76.2830, 0.3535, -66.9002.

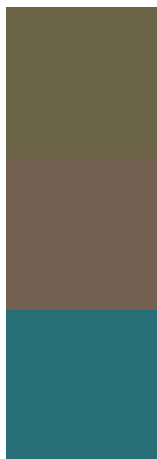


This preview shows how white text looks on a background with the YUV color 76.2830, 0.3535, -66.9002.

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

98.9720, -14.2832, 7.9176

Deuteranopia

100.2700, -9.5001, 13.7952

Tritanopia

90.0960, 14.2497, -43.9342

Trichromacy



Protanomaly

90.5880, -8.6709, -18.9327

Deuteranomaly

91.7070, -5.7716, -15.5290

Tritanomaly

85.0750, 9.3300, -52.6858

Monochromacy



Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

75.8460, 0.0759, -24.4209

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.2830, 0.3535, -66.9002 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, 115, 77)` looks like.

```
.text, #text, p{  
    color:rgb(0, 115, 77)  
}
```

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, 115, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 115, 77) }
```

Border

The CSS property to change the border of an element to YUV 76.2830, 0.3535, -66.9002 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, 115, 77) }
```

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

```
.border{ border-color:rgb(0, 115, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 115, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 115, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 115, 77);  
box-shadow:4px 4px 4px 4px rgb(0, 115, 77)  
}
```


Background

The CSS property to change the background color of an element to YUV 76.2830, 0.3535, -66.9002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 115, 77) }
```

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

```
.background{ background-color: rgb(0, 115,  
77) }
```

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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