

Converting Colors

YUV(76.8020, -3.3534, -44.5534)

Have a look what the booklet for
YUV(76.8020, -3.3534, -44.5534)
contains.

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Color

**YUV(76.8020, -3.3534,
-44.5534)**

Conversions

Conversions Part 1

Format	Color
Hex	1A6846
RGB	26, 104, 70
RGB Percent	10%, 41%, 27%
CMY	0.8980, 0.5922, 0.7255
CMYK	0.75, 0.00, 0.33, 0.59
HSL	154°, 60%, 25%
HSV	154°, 75%, 41%
XYZ	6.4818, 10.5624, 7.4915
YIQ	76.8020, -35.5740, -27.1100

Conversions

Conversions Part 2

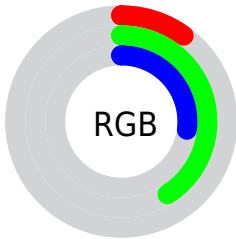
Format	Color
RYB	26, 76, 104
Decimal	1730630
CIELab	38.83, -32.07, 12.59
CIElCh	39, 34.454, 158.572
Yxy	10.5624, 0.2642, 0.4305
Android (android.graphics.Color)	4279920710 (0xFF1A6846)
YUV	76.8020, -3.3534, -44.5534
Hunter-Lab	32.4999, -21.2746, 9.0831

Details

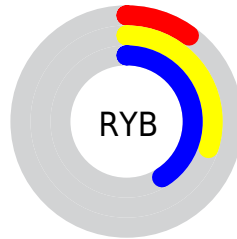
The YUV color **76.8020, -3.3534, -44.5534** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **53.1980, 3.3534, 44.5534**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **129.5420, -5.6902, -41.6943**, and **35.8360, -4.8491, -31.4282** is the 20% darker color. If you saturate the color by 10%, you get **73.2420, -4.0633, -50.2012**, and if you desaturate by 10%, it is **80.3620, -2.6435, -38.9055**.

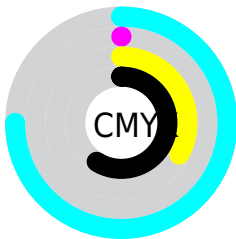
Distribution



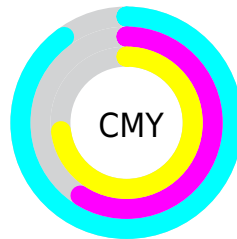
- Red (10%)
- Green (41%)
- Blue (27%)



- Red (10%)
- Yellow (30%)
- Blue (41%)



- Cyan (75%)
- Magenta (0%)
- Yellow (33%)
- Black (59%)



- Cyan (90%)
- Magenta (59%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.8020, -3.3534, -44.5534 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 76.8020, -3.3534, -44.5534 by changing the saturation by 10% instead.

■ 76.8020, -3.3534,
-44.5534

■ 76.8020, -3.3534,
-44.5534

255.0000, 0.0000,
0.0000

■ 51.7310, -2.3324,
-45.3681

■ 129.5420, -5.6902,
-41.6943

■ 35.8360, -4.8491,
-31.4282

■ 156.1290, -5.9796,
-42.2091

■ 20.5450, -10.1287,
-18.0180

■ 183.7160, -6.2690,
-42.7239

■ 0.0000, 0.0000,
0.0000

■ 211.6020, -6.7058,
-42.6240

■ 232.5580, -3.2331,
-36.4464

■ 244.2360, 5.3067,

-22.1320

253.2060, 0.8844,
-3.6887

76.8020, -3.3534,
-44.5534

76.8020, -3.3534,
-44.5534

73.2420, -4.0633,
-50.2012

80.3620, -2.6435,
-38.9055

69.4970, -4.1890,
-56.5639

84.1070, -2.5178,
-32.5428

67.7740, -4.3256,
-59.4378

87.6670, -1.8078,
-26.8950

91.4120, -1.6821,
-20.5323

94.9720, -0.9722,
-14.8844

■ 98.4180, -0.6991,
-9.1366

■ 102.2770, -0.1366,
-2.8739

■ 105.7230, 0.1366,
2.8739

■ 109.5820, 0.6991,
9.1366

Harmonies

Analogous

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



84.8740, -19.1649, -13.0445



76.8020, -3.3534, -44.5534



73.5080, 12.5676, -64.4665

Triad

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



76.8020, -3.3534, -44.5534



87.8050, 29.1831, -27.0160



91.3230, -16.4282, 42.6897

Complementary

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



76.8020, -3.3534, -44.5534



53.1980, 3.3534, 44.5534

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.



91.6620, -3.7774, 45.0234



76.8020, -3.3534, -44.5534



94.0330, 20.1967, 8.7411

Square

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



76.8020, -3.3534, -44.5534



75.0020, 33.5230, -65.7768



93.9130, 8.9169, 33.4023



90.2430, -25.2628, 29.6049

Rectangle

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



76.8020, -3.3534, -44.5534



74.9730, 20.7193, -65.7513



93.9130, 8.9169, 33.4023



91.0720, -12.3605, 44.6639

Sweetspot

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



76.8020, -3.3534, -44.5534



124.2490, -1.1088, -17.7584



82.2510, -27.7317, -18.6371



62.2930, -1.1304, -10.7810



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



76.8020, -3.3534, -44.5534



92.7790, -5.3140, -69.0892



78.3300, 12.6553, -45.8934



49.2770, -0.1366, -2.8739



74.9150, -4.8881, -65.7005



157.6720, -10.1913, -138.2783

Inverse Universe

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



53.1980, 3.3534, 44.5534



56.2210, 5.3140, 69.0892



51.6700, -12.6553, 45.8934



47.7230, 0.1366, 2.8739



40.0850, 4.8881, 65.7005



84.4420, 10.6281, 138.1784

Previews

White Background



This preview shows how the YUV color 76.8020, -3.3534, -44.5534 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 76.8020, -3.3534, -44.5534 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 76.8020, -3.3534, -44.5534 Background



This preview shows how black text looks on a background with the YUV color 76.8020, -3.3534, -44.5534.



This preview shows how white text looks on a background with the YUV color 76.8020, -3.3534,

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

76.8020, -3.3534, -44.5534

Protanopia

90.0150, -12.8254, 7.0028

Deuteranopia

91.1990, -8.4791, 12.9805



Tritanopia

83.1680, 11.7492, -35.2273

Trichromacy



Original Color

76.8020, -3.3534, -44.5534

Protanomaly

85.4040, -9.5662, -11.7553

Deuteranomaly

85.9360, -6.3774, -7.8369

Tritanomaly

81.0660, 6.3765, -38.6459

Monochromacy



Original Color

76.8020, -3.3534, -44.5534

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

76.8470, -1.4036, -16.5288

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.8020, -3.3534, -44.5534 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(26, 104, 70)` looks like.

```
.text, #text, p{  
    color:rgb(26, 104, 70)  
}
```

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(26, 104, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 104, 70) }
```

Border

The CSS property to change the border of an element to YUV 76.8020, -3.3534, -44.5534 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(26, 104, 70) }
```


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

```
.border{ border-color:rgb(26, 104, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 104, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 104, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 104, 70);  
box-shadow:4px 4px 4px 4px rgb(26, 104,  
70) }
```

Background

The CSS property to change the background color of an element to YUV 76.8020, -3.3534, -44.5534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 104, 70) }
```

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

```
.background{ background-color: rgb(26, 104,  
70) }
```

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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