

Converting Colors

YUV(76.5080, -17.5054,
-32.0175)

Have a look what the booklet for
YUV(76.5080, -17.5054, -32.0175)
contains.

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Color

**YUV(76.5080, -17.5054,
-32.0175)**

Conversions

Conversions Part 1

Format	Color
Hex	286629
RGB	40, 102, 41
RGB Percent	16%, 40%, 16%
CMY	0.8431, 0.6000, 0.8392
CMYK	0.61, 0.00, 0.60, 0.60
HSL	121°, 44%, 28%
HSV	121°, 61%, 40%
XYZ	6.0267, 10.1140, 3.7324
YIQ	76.5080, -17.3710, -32.1150

Conversions

Conversions Part 2

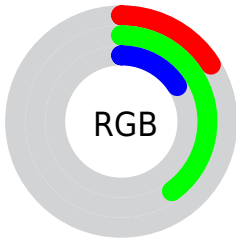
Format	Color
R_{YB}	40, 101, 102
Decimal	2647593
CIE _{Lab}	38.05, -33.58, 28.21
CIE _{LCh}	38, 43.857, 139.960
Yxy	10.1140, 0.3033, 0.5089
Android (android.graphics.Color)	4280837673 (0xFF286629)
YUV	76.5080, -17.5054, -32.0175
Hunter-Lab	31.8024, -21.8279, 15.3034

Details

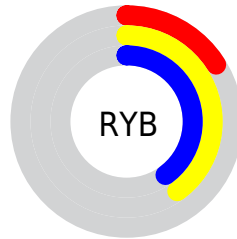
The YUV color **76.5080, -17.5054, -32.0175** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **65.4920, 17.5054, 32.0175**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.9380, -19.6894, -31.5176**, and **31.6980, -15.6271, -27.7991** is the 20% darker color. If you saturate the color by 10%, you get **72.3780, -20.3994, -37.1655**, and if you desaturate by 10%, it is **80.6380, -14.6115, -26.8695**.

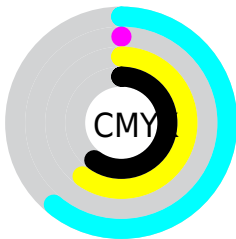
Distribution



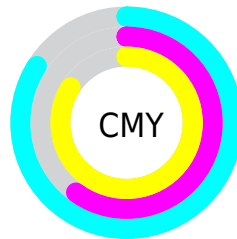
- Red (16%)
- Green (40%)
- Blue (16%)



- Red (16%)
- Yellow (40%)
- Blue (40%)



- Cyan (61%)
- Magenta (0%)
- Yellow (60%)
- Black (60%)



- Cyan (84%)
- Magenta (60%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.5080, -17.5054, -32.0175 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 76.5080, -17.5054, -32.0175 by changing the saturation by 10% instead.

■ 76.5080, -17.5054,
-32.0175

■ 76.5080, -17.5054,
-32.0175

255.0000, 0.0000,
0.0000

■ 49.6430, -15.6000,
-36.5209

■ 127.9380,
-19.6894, -31.5176

■ 31.6980, -15.6271,
-27.7991

■ 154.4110,
-20.4156, -31.9324

■ 20.5450, -10.1287,
-18.0180

■ 181.8840,
-21.1418, -32.3473

■ 0.0000, 0.0000,
0.0000

■ 209.7700,
-21.5786, -32.2473

■ 231.7860,
-19.1215, -26.9993

■ 243.3500,

-11.0186, -12.5850

254.4300, -2.1840,
0.4999

■ 76.5080, -17.5054,
-32.0175

■ 76.5080, -17.5054,
-32.0175

■ 72.3780, -20.3994,
-37.1655

■ 80.6380, -14.6115,
-26.8695

■ 68.2480, -23.2933,
-42.3135

■ 84.7680, -11.7176,
-21.7215

■ 63.8190, -26.0398,
-48.0763

■ 89.1970, -8.9711,
-15.9588

■ 60.1020, -28.6443,
-52.7095

■ 93.3270, -6.0772,
-10.8108

■ 97.4570, -3.1833,
-5.6628

■ 101.5870, -0.2894,
-0.5148

■ 105.7170, 2.6045,
4.6332

■ 110.1460, 5.3510,
10.3960

■ 114.2760, 8.2449,
15.5439

Harmonies

Analogous

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



82.6620, -34.3434, 2.0504



76.5080, -17.5054, -32.0175



70.8860, 2.5212, -62.1670

Triad

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



76.5080, -17.5054, -32.0175



75.0650, 41.3800, -65.8320



86.8440, -9.7831, 58.0188

Complementary

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



76.5080, -17.5054, -32.0175



65.4920, 17.5054, 32.0175

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.



89.1540, 6.8261, 50.7309



76.5080, -17.5054, -32.0175



87.5270, 34.2502, -18.8792

Square

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



76.5080, -17.5054, -32.0175



77.3500, 32.3655, -67.8359



92.1860, 21.6003, 25.2699



87.0650, -25.1750, 48.1780

Rectangle

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



76.5080, -17.5054, -32.0175



73.7360, 13.4412, -64.6665



92.1860, 21.6003, 25.2699



87.3370, -4.1101, 58.4635

Sweetspot

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



76.5080, -17.5054, -32.0175



123.0880, -6.9454, -12.3552



94.9320, -27.0815, 6.1986



60.2180, -4.0515, -7.2072



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



76.5080, -17.5054, -32.0175



93.0530, -27.6341, -50.0355



79.9280, -4.4015, -35.0169



48.9350, -1.4470, -2.5740



67.7330, -32.4064, -59.4018



142.5100, -68.2854, -124.9813

Inverse Universe

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



65.4920, 17.5054, 32.0175



75.8330, 27.1973, 50.1355



62.0720, 4.4015, 35.0169



48.0650, 1.4470, 2.5740



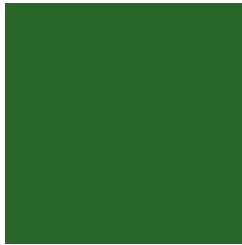
47.2670, 32.4064, 59.4018



99.4900, 68.2854, 124.9813

Previews

White Background



This preview shows how the YUV color 76.5080, -17.5054, -32.0175 looks on a white background.

Color Contrast Check

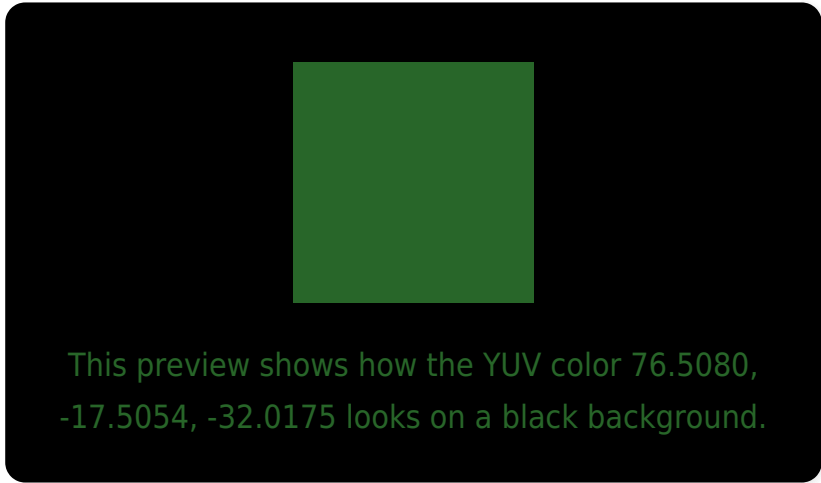
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 76.5080, -17.5054, -32.0175

Background



This preview shows how black text looks on a background with the YUV color 76.5080, -17.5054, -32.0175.



This preview shows how white text looks on a background with the YUV color 76.5080, -17.5054,

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

76.5080, -17.5054, -32.0175

Protanopia

86.0620, -24.1876, 11.3466

Deuteranopia

88.0290, -20.7203, 19.2686



Tritanopia

84.5390, 9.1013, -25.9057

Trichromacy



Original Color

76.5080, -17.5054, -32.0175

Protanomaly

82.8320, -22.1022, -4.2377

Deuteranomaly

83.8480, -19.6451, 1.0103

Tritanomaly

81.5960, -0.7868, -27.7097

Monochromacy



Original Color

76.5080, -17.5054, -32.0175

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

76.9140, -6.3666, -11.3256

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.5080, -17.5054, -32.0175 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(40, 102, 41)` looks like.

```
.text, #text, p{  
    color:rgb(40, 102, 41)  
}
```

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(40, 102, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 102, 41) }
```

Border

The CSS property to change the border of an element to YUV 76.5080, -17.5054, -32.0175 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(40, 102, 41) }
```


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

```
.border{ border-color:rgb(40, 102, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 102, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 102, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 102, 41);  
box-shadow:4px 4px 4px 4px rgb(40, 102,  
41) }
```

Background

The CSS property to change the background color of an element to YUV 76.5080, -17.5054, -32.0175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 102, 41) }
```

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

```
.background{ background-color: rgb(40, 102,  
41) }
```

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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