

Converting Colors

YUV(76.3340, 3.2863, -27.4799)

Have a look what the booklet for
YUV(76.3340, 3.2863, -27.4799)
contains.

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Color

**YUV(76.3340, 3.2863,
-27.4799)**

Conversions

Conversions Part 1

Format	Color
Hex	2D5B53
RGB	45, 91, 83
RGB Percent	18%, 36%, 33%
CMY	0.8235, 0.6431, 0.6745
CMYK	0.51, 0.00, 0.09, 0.64
HSL	170°, 34%, 27%
HSV	170°, 51%, 36%
XYZ	6.3846, 8.6646, 9.5195
YIQ	76.3340, -24.8480, -12.2400

Conversions

Conversions Part 2

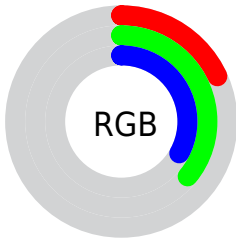
Format	Color
RYB	45, 70, 91
Decimal	2972499
CIELab	35.33, -18.00, -0.27
CIElCh	35, 18.001, 180.846
Yxy	8.6646, 0.2599, 0.3527
Android (android.graphics.Color)	4281162579 (0xFF2D5B53)
YUV	76.3340, 3.2863, -27.4799
Hunter-Lab	29.4357, -12.7957, 1.4305




Details

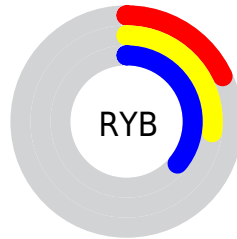
The YUV color **76.3340, 3.2863, -27.4799** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **59.6660, -3.2863, 27.4799**, and the grayscale version is **76.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **125.9210, 2.9969, -27.9947**, and **30.7470, 3.5757, -26.9651** is the 20% darker color. If you saturate the color by 10%, you get **73.4150, 3.7394, -32.8130**, and if you desaturate by 10%, it is **79.2530, 2.8333, -22.1469**.

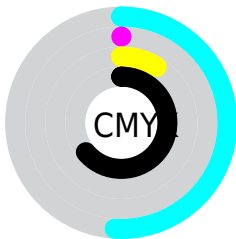
Distribution







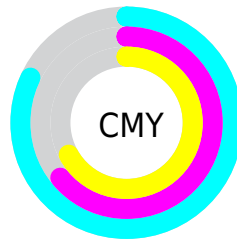
-  Red (18%)
-  Green (36%)
-  Blue (33%)






-  Red (18%)
-  Yellow (27%)
-  Blue (36%)



-  Cyan (51%)
-  Magenta (0%)
-  Yellow (9%)
-  Black (64%)



-  Cyan (82%)
-  Magenta (64%)
-  Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.3340, 3.2863, -27.4799 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 76.3340, 3.2863, -27.4799 by changing the saturation by 10% instead.

■ 76.3340, 3.2863,
-27.4799

■ 76.3340, 3.2863,
-27.4799

■ 255.0000, 0.0000,
0.0000

■ 52.1490, 3.8705,
-28.1947

■ 125.9210, 2.9969,
-27.9947

■ 30.7470, 3.5757,
-26.9651

■ 152.5080, 2.7076,
-28.5095

■ 17.3140, 0.3382,
-15.1844

■ 179.5080, 2.7076,
-28.5095

■ 0.0000, 0.0000,
0.0000

■ 207.2090, 2.8550,
-29.1243

■ 235.4970, 2.7130,
-30.2539

■ 247.5250, 3.6852,

-15.3694

■ 76.3340, 3.2863,
-27.4799

■ 76.3340, 3.2863,
-27.4799

■ 73.4150, 3.7394,
-32.8130

■ 79.2530, 2.8333,
-22.1469

■ 70.6100, 4.6293,
-38.2460

■ 82.0580, 1.9434,
-16.7139

■ 67.6910, 5.0823,
-43.5790

■ 84.9770, 1.4903,
-11.3808

■ 64.8860, 5.9722,
-49.0120

■ 87.7820, 0.6005,
-5.9478

■ 61.9670, 6.4253,
-54.3451

■ 91.0000, 0.0000,
0.0000

■ 93.8050, -0.8899,
5.4330

■ 96.7240, -1.3429,
10.7661

■ 99.6430, -1.7960,
16.0991

■ 102.4480, -2.6859,
21.5321

Harmonies

Analogous

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



78.9350, -4.8980, -15.7290



76.3340, 3.2863, -27.4799



75.5380, 10.5808, -33.7978

Triad

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



76.3340, 3.2863, -27.4799



84.3990, 11.6353, 1.4041



83.2060, -12.4266, 19.1133

Complementary

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



76.3340, 3.2863, -27.4799



59.6660, -3.2863, 27.4799

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.



84.4930, -7.6380, 23.2466



76.3340, 3.2863, -27.4799



85.5810, 5.6296, 14.3995

Square

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



76.3340, 3.2863, -27.4799



81.5110, 15.0311, -14.4801



84.9150, -0.9441, 22.8765



82.0970, -13.8518, 9.5619

Rectangle

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



76.3340, 3.2863, -27.4799



76.1730, 14.2117, -31.7237



84.9150, -0.9441, 22.8765



83.8580, -11.2690, 21.1725

Sweetspot

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



76.3340, 3.2863, -27.4799



111.5750, 1.1955, -10.1513



74.3940, -14.4912, -18.7625



55.4830, 0.7479, -6.5626



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



76.3340, 3.2863, -27.4799



94.4030, 5.2243, -42.4494



68.4410, 11.1216, -20.5578



44.3910, 0.3002, -2.9739



74.9440, 7.9156, -65.7259



161.4630, 17.0267, -141.6031

Inverse Universe

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



59.6660, -3.2863, 27.4799



68.5970, -5.2243, 42.4494



67.5590, -11.1216, 20.5578



42.6090, -0.3002, 2.9739



35.0560, -7.9156, 65.7259



75.5370, -17.0267, 141.6031

Previews

White Background



This preview shows how the YUV color 76.3340, 3.2863, -27.4799 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 ✓ Pass

Black Background



This preview shows how the YUV color 76.3340, 3.2863, -27.4799 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 76.3340, 3.2863, -27.4799

Background



This preview shows how black text looks on a background with the YUV color 76.3340, 3.2863, -27.4799.



This preview shows how white text looks on a background with the YUV color 76.3340, 3.2863, -27.4799.

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

76.3340, 3.2863, -27.4799

Protanopia

82.4410, -2.1894, 2.2442

Deuteranopia

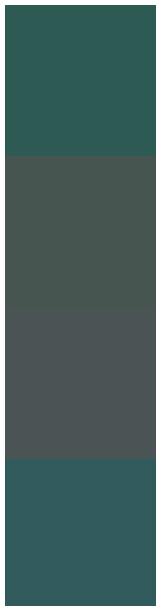
83.5600, 0.7099, 5.6479



Tritanopia

77.8380, 8.9539, -25.2909

Trichromacy



Original Color

76.3340, 3.2863, -27.4799

Protanomaly

79.9450, 0.0271, -8.7218

Deuteranomaly

81.0100, 1.4741, -6.1478

Tritanomaly

77.5560, 6.6279, -25.9206

Monochromacy



Original Color

76.3340, 3.2863, -27.4799

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

75.9880, 1.4849, -9.6365

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.3340, 3.2863, -27.4799 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(45, 91, 83)` looks like.

```
.text, #text, p{  
    color:rgb(45, 91, 83)  
}
```

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(45, 91, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 91, 83) }
```

Border

The CSS property to change the border of an element to YUV 76.3340, 3.2863, -27.4799 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(45, 91, 83) }
```


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

```
.border{ border-color:rgb(45, 91, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 91, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 91, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 91, 83);  
box-shadow:4px 4px 4px 4px rgb(45, 91, 83)  
}
```

Background

The CSS property to change the background color of an element to YUV 76.3340, 3.2863, -27.4799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 91, 83) }
```

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

```
.background{ background-color: rgb(45, 91,  
83) }
```

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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