

Converting Colors

YUV(78.0270, 1.9587, -68.4297)

Have a look what the booklet for
YUV(78.0270, 1.9587, -68.4297)
contains.

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Color

**YUV(78.0270, 1.9587,
-68.4297)**

Conversions

Conversions Part 1

Format	Color
Hex	007552
RGB	0, 117, 82
RGB Percent	0%, 46%, 32%
CMY	1.0000, 0.5412, 0.6784
CMYK	1.00, 0.00, 0.30, 0.54
HSL	162°, 100%, 23%
HSV	162°, 100%, 46%
XYZ	7.8843, 13.3318, 10.1404
YIQ	78.0270, -58.4970, -35.6890

Conversions

Conversions Part 2

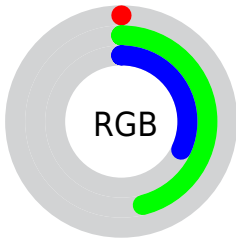
Format	Color
RYB	0, 69, 117
Decimal	30034
CIELab	43.26, -37.37, 11.51
CIELCh	43, 39.100, 162.872
Yxy	13.3318, 0.2514, 0.4252
Android (android.graphics.Color)	4278220114 (0xFF007552)
YUV	78.0270, 1.9587, -68.4297
Hunter-Lab	36.5127, -25.3533, 9.0927

Details

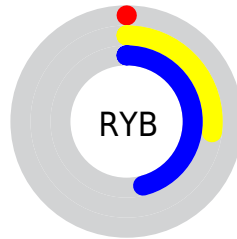
The YUV color **78.0270, 1.9587, -68.4297** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **38.9730, -1.9587, 68.4297**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.1490, -3.0315, -54.5047**, and **43.5470, -3.2277, -38.1907** is the 20% darker color. If you saturate the color by 10%, you get **78.0270, 1.9587, -68.4297**, and if you desaturate by 10%, it is **82.0710, 1.9370, -61.4523**.

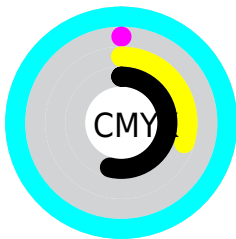
Distribution



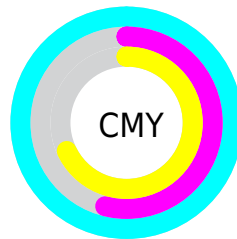
- Red (0%)
- Green (46%)
- Blue (32%)



- Red (0%)
- Yellow (27%)
- Blue (46%)



- Cyan (100%)
- Magenta (0%)
- Yellow (30%)
- Black (54%)



- Cyan (100%)
- Magenta (54%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 78.0270, 1.9587, -68.4297 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 78.0270, 1.9587, -68.4297 by changing the saturation by 10% instead.

■ 78.0270, 1.9587,
-68.4297

■ 78.0270, 1.9587,
-68.4297

■ 255.0000, 0.0000,
0.0000

■ 60.7300, -0.8529,
-53.2602

■ 137.1490, -3.0315,
-54.5047

■ 43.5470, -3.2277,
-38.1907

■ 165.0350, -3.4683,
-54.4047

■ 28.2390, -6.0338,
-24.7656

■ 192.9210, -3.9051,
-54.3047

■ 11.7400, -5.7878,
-10.2960

■ 221.3940, -4.6312,
-54.7195

■ 0.0000, 0.0000,
0.0000

■ 233.3710, 3.7611,
-39.7904

■ 243.6380, 5.6015,

-23.3615

252.3090, 1.3267,
-5.5330

78.0270, 1.9587,
-68.4297

82.0710, 1.9370,
-61.4523

85.7020, 1.6259,
-54.9897

89.7460, 1.6042,
-48.0122

93.6760, 1.1457,
-40.9349

97.7200, 1.1240,
-33.9574

■ 101.3510, 0.8130,
-27.4948

■ 105.3950, 0.7913,
-20.5174

■ 109.3250, 0.3328,
-13.4400

■ 113.0700, 0.4585,
-7.0774

Harmonies

Analogous

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



93.6020, -20.0168, -19.8220



78.0270, 1.9587, -68.4297



82.4900, 16.5204, -72.3437

Triad

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



78.0270, 1.9587, -68.4297



99.0270, 32.5247, -25.4567



101.6180, -20.5177, 47.6930

Complementary

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



78.0270, 1.9587, -68.4297



38.9730, -1.9587, 68.4297

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.



102.0220, -6.4198, 52.6007



78.0270, 1.9587, -68.4297



105.2340, 22.0696, 14.7038

Square

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



78.0270, 1.9587, -68.4297



83.8530, 39.5125, -73.5391



104.5550, 8.6004, 41.6093



100.2880, -30.2150, 31.3194

Rectangle

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



78.0270, 1.9587, -68.4297



84.1830, 25.5458, -73.8285



104.5550, 8.6004, 41.6093



101.4920, -16.0186, 51.3115

Sweetspot

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



78.0270, 1.9587, -68.4297



137.6500, 0.6656, -26.8800



79.1440, -39.0180, -38.7143



67.6020, 0.1962, -16.3140



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.



78.0270, 1.9587, -68.4297



102.0090, 2.4606, -89.4619



68.5160, 23.9026, -60.0885



56.9780, 0.0108, -3.4887



81.4180, 2.2589, -71.4036



166.7000, 4.0919, -146.1959

Inverse Universe

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



38.9730, -1.9587, 68.4297



50.9910, -2.4606, 89.4619



48.4840, -23.9026, 60.0885



55.0220, -0.0108, 3.4887



40.6960, -1.8221, 71.3036



83.3000, -4.0919, 146.1959

Previews

White Background



This preview shows how the YUV color 78.0270, 1.9587, -68.4297 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 78.0270, 1.9587, -68.4297 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 78.0270, 1.9587, -68.4297

Background



This preview shows how black text looks on a background with the YUV color 78.0270, 1.9587, -68.4297.

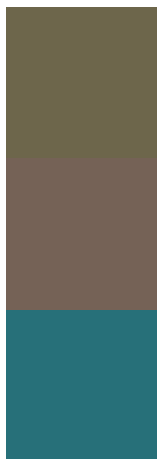


This preview shows how white text looks on a background with the YUV color 78.0270, 1.9587, -68.4297.

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

101.0150, -12.8254, 7.0028

Deuteranopia

102.3130, -8.0423, 12.8805

Tritanopia

91.1990, 14.6919, -45.7785

Trichromacy



Protanomaly

92.3320, -7.0657, -20.4622

Deuteranomaly

93.4510, -4.1663, -17.0585

Tritanomaly

86.5910, 10.0616, -54.0153

Monochromacy



Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

77.9600, 0.5127, -24.5209

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.0270, 1.9587, -68.4297 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, 117, 82)` looks like.

```
.text, #text, p{  
    color:rgb(0, 117, 82)  
}
```

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, 117, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 117, 82) }
```

Border

The CSS property to change the border of an element to YUV 78.0270, 1.9587, -68.4297 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, 117, 82) }
```

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

```
.border{ border-color:rgb(0, 117, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 117, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 117, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 117, 82);  
box-shadow:4px 4px 4px 4px rgb(0, 117, 82)  
}
```


Background

The CSS property to change the background color of an element to YUV 78.0270, 1.9587, -68.4297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 117, 82) }
```

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

```
.background{ background-color: rgb(0, 117,  
82) }
```

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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