

Converting Colors

YUV(17.2660, 16.6309,
-14.2653)

Have a look what the booklet for
YUV(17.2660, 16.6309, -14.2653)
contains.

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Color

**YUV(17.2660, 16.6309,
-14.2653)**

Conversions

Conversions Part 1

Format	Color
Hex	011333
RGB	1, 19, 51
RGB Percent	0%, 7%, 20%
CMY	0.9961, 0.9255, 0.8000
CMYK	0.98, 0.63, 0.00, 0.80
HSL	218°, 96%, 10%
HSV	218°, 98%, 20%
XYZ	0.8429, 0.7112, 3.2248
YIQ	17.2660, -21.0000, 6.1360

Conversions

Conversions Part 2

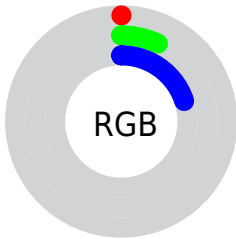
Format	Color
R_{YB}	1, 14, 51
Decimal	70451
CIE Lab	6.42, 6.84, -23.22
CIE LCh	6, 24.203, 286.413
Yxy	0.7112, 0.1764, 0.1488
Android (android.graphics.Color)	4278260531 (0xFF011333)
YUV	17.2660, 16.6309, -14.2653
Hunter-Lab	8.4334, 3.0831, -16.7685

Details

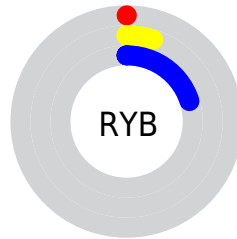
The YUV color **17.2660, 16.6309, -14.2653** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **34.7340, -16.6309, 14.2653**, and the grayscale version is **17.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **61.9290, 17.7830, -10.4617**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **16.3800, 17.0677, -14.3653**, and if you desaturate by 10%, it is **20.5220, 15.0257, -12.7358**.

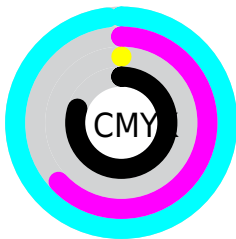
Distribution



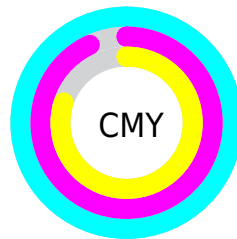
- Red (0%)
- Green (7%)
- Blue (20%)



- Red (0%)
- Yellow (5%)
- Blue (20%)



- Cyan (98%)
- Magenta (63%)
- Yellow (0%)
- Black (80%)



- Cyan (100%)
- Magenta (93%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 17.2660, 16.6309, -14.2653 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 17.2660, 16.6309, -14.2653 by changing the saturation by 10% instead.

■ 17.2660, 16.6309,
-14.2653

■ 17.2660, 16.6309,
-14.2653

■ 241.3890, 6.7102,
-5.6032

■ 4.5940, 12.5252,
-4.0289

■ 61.9290, 17.7830,
-10.4617

■ 0.0000, 0.0000,
0.0000

■ 85.7550, 18.3618,
-9.4321

■ 109.9830, 19.2354,
-9.6321

■ 135.3960, 19.5248,
-9.1173

■ 161.9230, 20.2510,
-8.7025

■ 189.0370, 20.6878,

-8.8024

■ 216.5810, 18.9406,
-8.4025

■ 17.2660, 16.6309,
-14.2653

■ 17.2660, 16.6309,
-14.2653

■ 16.3800, 17.0677,
-14.3653

■ 20.5220, 15.0257,
-12.7358

■ 24.3650, 13.1311,
-11.7211

■ 27.6210, 11.5258,
-10.1916

■ 30.8770, 9.9206,
-8.6621

■ 34.1330, 8.3154,
-7.1326

■ 38.2750, 6.2734,
-5.5032

■ 41.5310, 4.6682,
-3.9737

■ 44.7870, 3.0630,
-2.4442

■ 48.0430, 1.4578,
-0.9147

Harmonies

Analogous

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



20.4890, 15.0419, -17.9689



17.2660, 16.6309, -14.2653



20.8130, 10.4452, 9.8110

Triad

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



17.2660, 16.6309, -14.2653



18.4390, -9.0904, 22.4170



18.0490, -4.4612, -15.8290

Complementary

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



17.2660, 16.6309, -14.2653



34.7340, -16.6309, 14.2653

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.



15.8490, -7.8136, -13.8996



17.2660, 16.6309, -14.2653



19.8460, -9.7841, 11.5361

Square

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



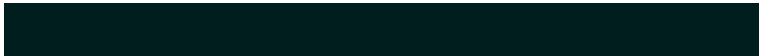
17.2660, 16.6309, -14.2653



17.0250, -4.4493, 27.1651



18.5840, -9.1619, -1.3892



20.9160, 3.9854, -18.3433

Rectangle

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



17.2660, 16.6309, -14.2653



19.2550, 6.7763, 19.9474



18.5840, -9.1619, -1.3892



17.0230, -8.3923, -14.9292

Sweetspot

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



17.2660, 16.6309, -14.2653



53.2750, 6.2734, -5.5032



33.9980, -0.4920, -28.9392



25.6020, 3.6472, -3.1590



161.0000, 0.0000, 0.0000



33.0000, 0.0000, 0.0000

Same Dimension

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



17.2660, 16.6309, -14.2653



21.6120, 21.8833, -18.9537



8.7930, 20.8081, -0.6955



23.9290, 1.0210, -0.8147



28.9300, 29.6145, -25.3716



70.5240, 72.2127, -61.8495

Inverse Universe

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



18.0020, 0.4920, 28.9392



22.4700, 0.7543, 38.1758



43.2070, -20.8081, 0.6955



24.0110, -0.0054, 1.7444



30.2590, 0.8583, 51.5159



73.7750, 2.0829, 125.6083

Previews

White Background



This preview shows how the YUV color 17.2660, 16.6309, -14.2653 looks on a white background.

Color Contrast Check

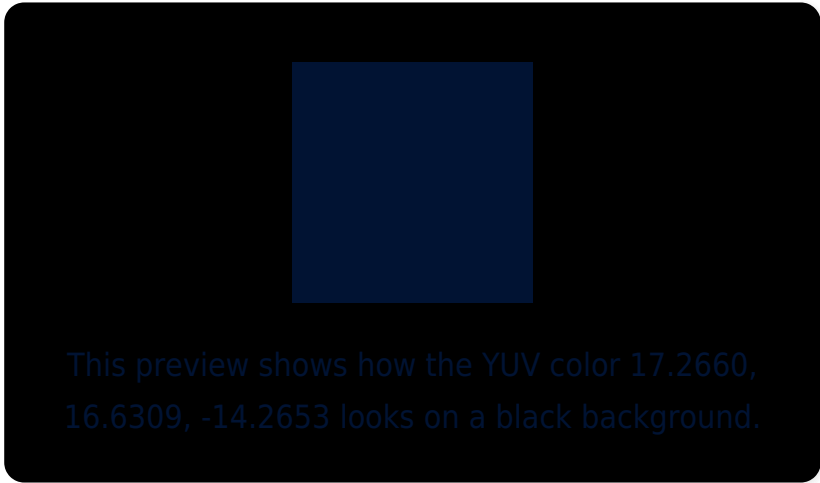
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

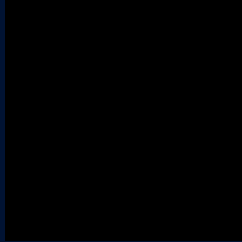
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 17.2660, 16.6309, -14.2653

Background



This preview shows how black text looks on a background with the YUV color 17.2660, 16.6309, -14.2653.



This preview shows how white text looks on a background with the YUV color 17.2660, 16.6309,

-14.2653.

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

17.2660, 16.6309, -14.2653

Protanopia

17.3430, 13.1419, -15.2098

Deuteranopia

17.2460, 10.2317, -15.1247



Tritanopia

17.0520, 4.4114, -14.9546

Trichromacy



Original Color

17.2660, 16.6309, -14.2653

Protanomaly

17.0980, 14.7417, -14.9949

Deuteranomaly

17.2290, 12.7051, -15.1098

Tritanomaly

16.9040, 8.9213, -14.8248

Monochromacy



Original Color

17.2660, 16.6309, -14.2653

Achromatopsia

17.0000, 0.0000, 0.0000

Achromatomaly

17.1610, 5.8366, -5.4032

CSS Examples

Text

The CSS property to change the color of the text to YUV 17.2660, 16.6309, -14.2653 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(1, 19, 51)` looks like.

```
.text, #text, p{  
    color:rgb(1, 19, 51)  
}
```

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(1, 19, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 19, 51) }
```

Border

The CSS property to change the border of an element to YUV 17.2660, 16.6309, -14.2653 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(1, 19, 51) }
```


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

```
.border{ border-color:rgb(1, 19, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 19, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 19, 51); -webkit-box-shadow:4px  
4px 4px 4px rgb(1, 19, 51); box-shadow:4px  
4px 4px 4px rgb(1, 19, 51) }
```

Background

The CSS property to change the background color of an element to YUV 17.2660, 16.6309, -14.2653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 19, 51) }
```

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

```
.background{ background-color: rgb(1, 19,  
51) }
```

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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