

Converting Colors

YUV(31.5450, 6.6333, -27.6650)

Have a look what the booklet for
YUV(31.5450, 6.6333, -27.6650)
contains.

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Color

**YUV(31.5450, 6.6333,
-27.6650)**

Conversions

Conversions Part 1

Format	Color
Hex	002D2D
RGB	0, 45, 45
RGB Percent	0%, 18%, 18%
CMY	1.0000, 0.8235, 0.8235
CMYK	1.00, 0.00, 0.00, 0.82
HSL	180°, 100%, 9%
HSV	180°, 100%, 18%
XYZ	1.4120, 2.0662, 2.8070
YIQ	31.5450, -26.8200, -9.5400

Conversions

Conversions Part 2

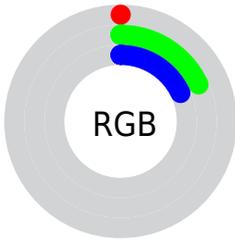
Format	Color
RYB	0, 23, 45
Decimal	11565
CIELab	15.83, -14.29, -4.20
CIElCh	16, 14.892, 196.386
Yxy	2.0662, 0.2247, 0.3287
Android (android.graphics.Color)	4278201645 (0xFF002D2D)
YUV	31.5450, 6.6333, -27.6650
Hunter-Lab	14.3744, -7.6206, -1.5160

Details

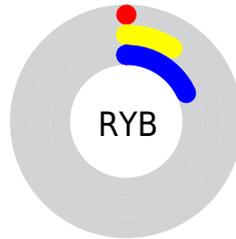
The YUV color **31.5450, 6.6333, -27.6650** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **13.4550, -6.6333, 27.6650**, and the grayscale version is **31.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **79.0400, 5.8963, -24.5911**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **31.5450, 6.6333, -27.6650**, and if you desaturate by 10%, it is **32.7410, 6.0437, -25.2059**.

Distribution



- Red (0%)
- Green (18%)
- Blue (18%)



- Red (0%)
- Yellow (9%)
- Blue (18%)



- Cyan (100%)
- Magenta (0%)
- Yellow (0%)
- Black (82%)



- Cyan (100%)
- Magenta (82%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 31.5450, 6.6333, -27.6650 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 31.5450, 6.6333, -27.6650 by changing the saturation by 10% instead.

■ 31.5450, 6.6333,
-27.6650

■ 31.5450, 6.6333,
-27.6650

■ 249.3190, 2.8007,
-11.6808

■ 17.4110, 3.2484,
-15.2694

■ 79.0400, 5.8963,
-24.5911

■ 0.0000, 0.0000,
0.0000

■ 103.6270, 5.6069,
-25.1059

■ 128.7410, 6.0437,
-25.2059

■ 155.3280, 5.7543,
-25.7207

■ 182.0290, 5.9017,
-26.3354

■ 209.7300, 6.0491,

-26.9502

■ 238.4310, 6.1965,
-27.5650

■ 31.5450, 6.6333,
-27.6650

■ 32.7410, 6.0437,
-25.2059

■ 34.2360, 5.3067,
-22.1320

■ 35.7310, 4.5696,
-19.0581

■ 36.9270, 3.9800,
-16.5990

■ 38.4220, 3.2430,
-13.5251

■ 39.6180, 2.6533,
-11.0660

■ 41.1130, 1.9163,
-7.9921

■ 42.3090, 1.3267,
-5.5330

■ 43.8040, 0.5896,
-2.4591

Harmonies

Analogous

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



34.7760, -0.3826, -17.3436



31.5450, 6.6333, -27.6650



31.9840, 10.8539, -28.0500

Triad

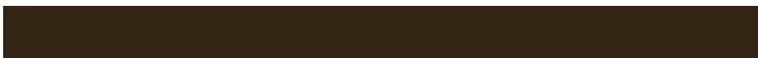
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



31.5450, 6.6333, -27.6650



41.0530, 6.3829, 6.0925



38.8350, -9.7787, 9.7917

Complementary

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



31.5450, 6.6333, -27.6650



13.4550, -6.6333, 27.6650

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.



39.8510, -7.3215, 15.0397



31.5450, 6.6333, -27.6650



40.9570, 1.9932, 14.0697

Square

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



31.5450, 6.6333, -27.6650



39.0130, 10.3466, -5.2734



40.0130, -2.9644, 17.5286



38.1930, -9.4621, 1.5847

Rectangle

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



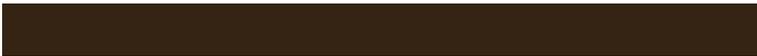
31.5450, 6.6333, -27.6650



34.0600, 12.2954, -23.7316



40.0130, -2.9644, 17.5286



39.2590, -9.4947, 12.0509

Sweetspot

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



31.5450, 6.6333, -27.6650



53.6180, 2.6533, -11.0660



26.4150, -13.0226, -23.1660



27.7110, 1.6215, -6.7625



158.0000, 0.0000, 0.0000



31.0000, 0.0000, 0.0000

Same Dimension

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



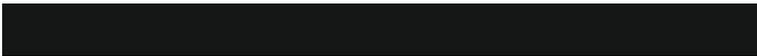
31.5450, 6.6333, -27.6650



41.3590, 8.6970, -36.2718



18.6310, 12.9999, -16.3394



22.4020, 0.2948, -1.2296



60.9870, 12.8244, -53.4856



150.0140, 31.5451, -131.5623

Inverse Universe

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



18.5850, 13.0226, 23.1660



24.3670, 17.0741, 30.3731



26.9560, -13.2893, 15.8246



21.8260, 0.5788, 1.0296



35.9310, 25.1770, 44.7875



88.3820, 61.9297, 110.1670

Previews

White Background



This preview shows how the YUV color 31.5450, 6.6333, -27.6650 looks on a white background.

Color Contrast Check

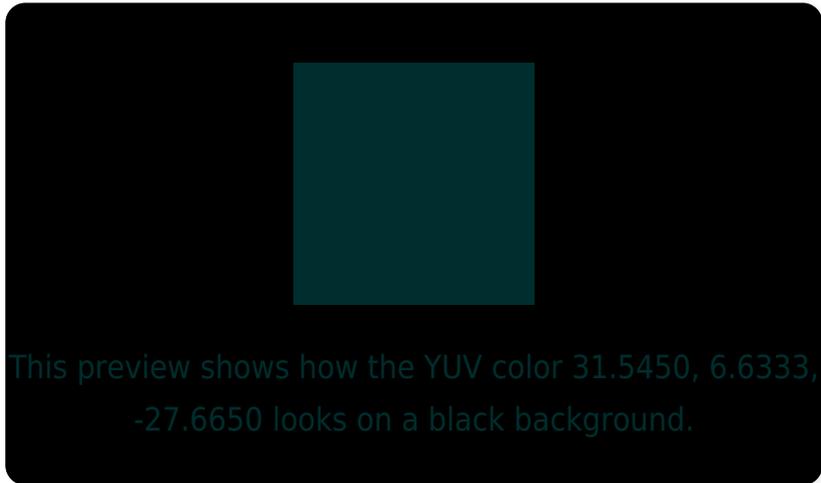
Large Text (above 18pt) WCAG AA ✓ Pass

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

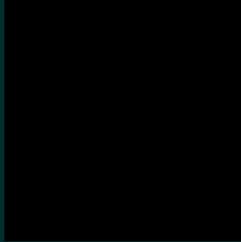
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

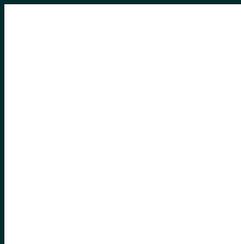
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 31.5450, 6.6333, -27.6650

Background



This preview shows how black text looks on a background with the YUV color 31.5450, 6.6333, -27.6650.



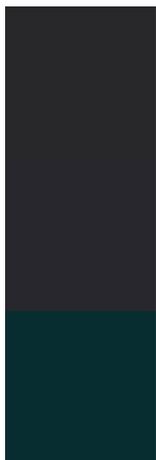
This preview shows how white text looks on a background with the YUV color 31.5450, 6.6333, -27.6650.

-27.6650.

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

40.2280, 0.8736, -0.2000

Deuteranopia

40.3960, 2.7628, 0.5297

Tritanopia

34.2790, 6.7645, -23.0467

Trichromacy



Protanomaly

37.0310, 2.9427, -10.5512

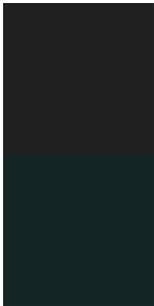
Deuteranomaly

37.0850, 4.3951, -9.7215

Tritanomaly

33.2680, 6.7699, -24.7910

Monochromacy



Achromatopsia

32.0000, 0.0000, 0.0000

Achromatomaly

31.9170, 2.5059, -10.4512

CSS Examples

Text

The CSS property to change the color of the text to YUV 31.5450, 6.6333, -27.6650 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, 45, 45)` looks like.

```
.text, #text, p{  
    color:rgb(0, 45, 45)  
}
```

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, 45, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 45, 45) }
```

Border

The CSS property to change the border of an element to YUV 31.5450, 6.6333, -27.6650 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, 45, 45) }
```

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

```
.border{ border-color:rgb(0, 45, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 45, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 45, 45); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 45, 45); box-shadow:4px  
4px 4px 4px rgb(0, 45, 45) }
```

Background

The CSS property to change the background color of an element to YUV 31.5450, 6.6333, -27.6650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 45, 45) }
```

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

```
.background{ background-color: rgb(0, 45,  
45) }
```

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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