

Converting Colors

YUV(31.5480, -1.2562, -17.1436)

Have a look what the booklet for
YUV(31.5480, -1.2562, -17.1436)
contains.

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Color

**YUV(31.5480, -1.2562,
-17.1436)**

Conversions

Conversions Part 1

Format	Color
Hex	0C2A1D
RGB	12, 42, 29
RGB Percent	5%, 16%, 11%
CMY	0.9529, 0.8353, 0.8863
CMYK	0.71, 0.00, 0.31, 0.84
HSL	154°, 56%, 11%
HSV	154°, 71%, 16%
XYZ	1.2014, 1.8228, 1.4509
YIQ	31.5480, -13.7070, -10.4030

Conversions

Conversions Part 2

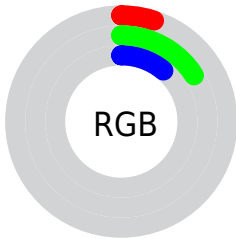
Format	Color
R_{YB}	12, 31, 42
Decimal	797213
CIE _{Lab}	14.53, -15.12, 5.22
CIE _{LCh}	15, 15.994, 160.953
Yxy	1.8228, 0.2685, 0.4073
Android (android.graphics.Color)	4278987293 (0xFF0C2A1D)
YUV	31.5480, -1.2562, -17.1436
Hunter-Lab	13.5011, -7.7437, 3.0791

Details

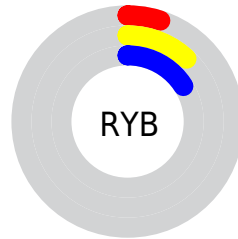
The YUV color **31.5480, -1.2562, -17.1436** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **22.4520, 1.2562, 17.1436**, and the grayscale version is **32.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **76.9070, -2.4192, -17.4584**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **30.1240, -1.5401, -19.4027**, and if you desaturate by 10%, it is **32.9720, -0.9722, -14.8844**.

Distribution



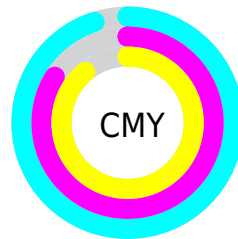
- Red (5%)
- Green (16%)
- Blue (11%)



- Red (5%)
- Yellow (12%)
- Blue (16%)



- Cyan (71%)
- Magenta (0%)
- Yellow (31%)
- Black (84%)



- Cyan (95%)
- Magenta (84%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 31.5480, -1.2562, -17.1436 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 31.5480, -1.2562, -17.1436 by changing the saturation by 10% instead.

■ 31.5480, -1.2562,
-17.1436

■ 31.5480, -1.2562,
-17.1436

■ 250.5150, 2.2111,
-9.2217

■ 13.8430, -5.3456,
-12.1403

■ 76.9070, -2.4192,
-17.4584

■ 0.0000, 0.0000,
0.0000

■ 100.9070, -2.4192,
-17.4584

■ 126.1950, -2.5611,
-18.5880

■ 152.1950, -2.5611,
-18.5880

■ 178.7820, -2.8505,
-19.1028

■ 206.4830, -2.7031,

-19.7176

■ 235.0700, -2.9925,
-20.2324

■ 31.5480, -1.2562,
-17.1436

■ 31.5480, -1.2562,
-17.1436

■ 30.1240, -1.5401,
-19.4027

■ 32.9720, -0.9722,
-14.8844

■ 28.7000, -1.8241,
-21.6619

■ 34.3960, -0.6882,
-12.6253

■ 27.3900, -1.6713,
-24.0210

■ 36.0050, -0.9885,
-9.6514

■ 37.4290, -0.7045,
-7.3922

■ 38.8530, -0.4205,
-5.1331

■ 40.2770, -0.1366,
-2.8739

■ 41.7010, 0.1474,
-0.6148

■ 43.4240, 0.2840,
2.2592

■ 44.7340, 0.1311,
4.6183

Harmonies

Analogous

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



33.7190, -7.2565, -5.8926



31.5480, -1.2562, -17.1436



29.9150, 5.4649, -26.2355

Triad

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



31.5480, -1.2562, -17.1436



35.6320, 11.5204, -8.4473



36.9760, -6.8902, 16.6840

Complementary

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



31.5480, -1.2562, -17.1436



22.4520, 1.2562, 17.1436

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.



37.5400, -2.2382, 17.9434



31.5480, -1.2562, -17.1436



37.7970, 7.9881, 4.5630

Square

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



31.5480, -1.2562, -17.1436



30.6900, 13.4638, -25.1611



38.1850, 2.8668, 13.8698



36.6180, -10.6577, 11.7360

Rectangle

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



31.5480, -1.2562, -17.1436



30.1260, 8.8119, -26.4205



38.1850, 2.8668, 13.8698



37.3290, -5.5852, 18.1285

Sweetspot

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



31.5480, -1.2562, -17.1436



49.8420, -0.4151, -6.8774



33.4970, -10.5980, -7.4519



25.5650, -0.2785, -4.0035



156.0000, 0.0000, 0.0000



28.0000, 0.0000, 0.0000

Same Dimension

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



31.5480, -1.2562, -17.1436



37.6670, -1.8078, -26.8950



31.8560, 5.0010, -17.4137



19.4020, 0.2948, -1.2296



54.7800, -3.3425, -48.0421



138.1240, -8.9351, -121.1347

Inverse Universe

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



22.4520, 1.2562, 17.1436



23.3330, 1.8078, 26.8950



22.1440, -5.0010, 17.4137



18.7120, 0.1420, 1.1296



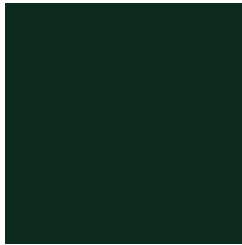
29.2200, 3.3425, 48.0421



73.8760, 8.9351, 121.1347

Previews

White Background



This preview shows how the YUV color 31.5480, -1.2562, -17.1436 looks on a white background.

Color Contrast Check

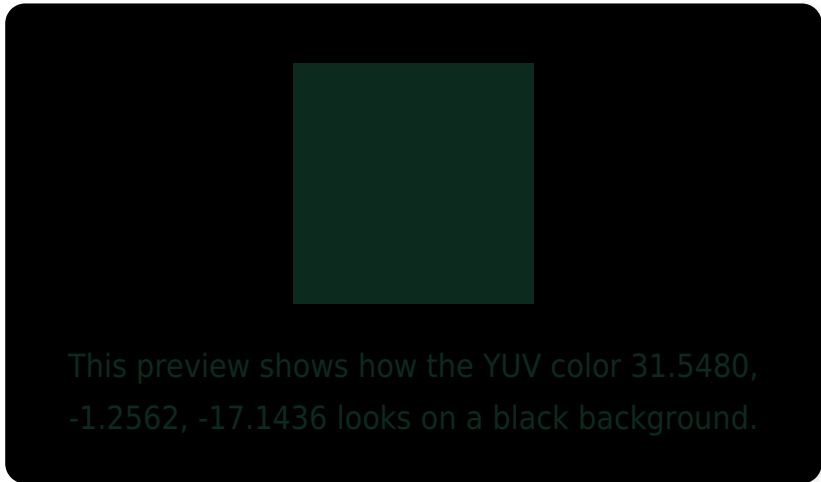
Large Text (above 18pt) WCAG AA ✓ Pass

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

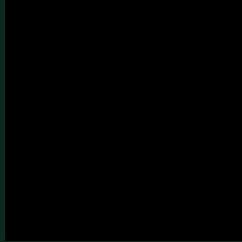
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 31.5480, -1.2562, -17.1436

Background



This preview shows how black text looks on a background with the YUV color 31.5480, -1.2562, -17.1436.



This preview shows how white text looks on a background with the YUV color 31.5480, -1.2562,

-17.1436.

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

31.5480, -1.2562, -17.1436

Protanopia

36.7570, -4.8102, 2.8441

Deuteranopia

36.8220, -3.3632, 5.4181



Tritanopia

33.7640, 4.5533, -13.8250

Trichromacy



Original Color

31.5480, -1.2562, -17.1436

Protanomaly

35.0550, -3.4781, -4.4332

Deuteranomaly

35.2940, -2.6099, -2.8888

Tritanomaly

33.1830, 2.3748, -15.0695

Monochromacy



Original Color

31.5480, -1.2562, -17.1436

Achromatopsia

32.0000, 0.0000, 0.0000

Achromatomaly

32.1410, -0.5625, -6.2627

CSS Examples

Text

The CSS property to change the color of the text to YUV 31.5480, -1.2562, -17.1436 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(12, 42, 29)` looks like.

```
.text, #text, p{  
    color:rgb(12, 42, 29)  
}
```

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(12, 42, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 42, 29) }
```

Border

The CSS property to change the border of an element to YUV 31.5480, -1.2562, -17.1436 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(12, 42, 29) }
```


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

```
.border{ border-color:rgb(12, 42, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 42, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 42, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 42, 29);  
box-shadow:4px 4px 4px 4px rgb(12, 42, 29)  
}
```

Background

The CSS property to change the background color of an element to YUV 31.5480, -1.2562, -17.1436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 42, 29) }
```

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

```
.background{ background-color: rgb(12, 42,  
29) }
```

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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