

Converting Colors

YUV(31.9950, 10.8485,
-26.3056)

Have a look what the booklet for
YUV(31.9950, 10.8485, -26.3056)
contains.

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Color

**YUV(31.9950, 10.8485,
-26.3056)**

Conversions

Conversions Part 1

Format	Color
Hex	022B36
RGB	2, 43, 54
RGB Percent	1%, 17%, 21%
CMY	0.9922, 0.8314, 0.7882
CMYK	0.96, 0.20, 0.00, 0.79
HSL	193°, 93%, 11%
HSV	193°, 96%, 21%
XYZ	1.5548, 2.0070, 3.7955
YIQ	31.9950, -27.9670, -5.2710

Conversions

Conversions Part 2

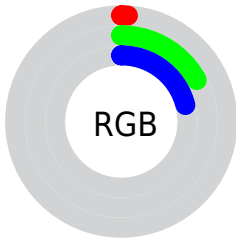
Format	Color
R_{YB}	2, 25, 54
Decimal	142134
CIE _{Lab}	15.52, -8.95, -10.98
CIE _{LCh}	16, 14.169, 230.805
Yxy	2.0070, 0.2113, 0.2728
Android (android.graphics.Color)	4278332214 (0xFF022B36)
YUV	31.9950, 10.8485, -26.3056
Hunter-Lab	14.1669, -5.2022, -5.9677

Details

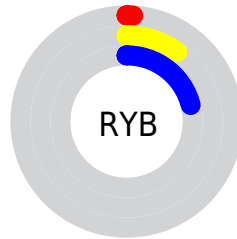
The YUV color **31.9950, 10.8485, -26.3056** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **24.0050, -10.8485, 26.3056**, and the grayscale version is **32.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **79.3160, 10.6902, -22.2021**, and **0.9120, 3.4944, -0.7998** is the 20% darker color. If you saturate the color by 10%, you get **31.3970, 11.1433, -27.5352**, and if you desaturate by 10%, it is **34.0770, 9.8220, -23.7465**.

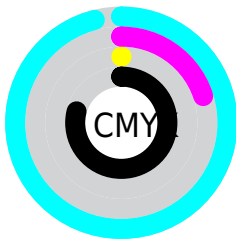
Distribution



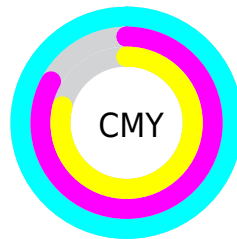
- Red (1%)
- Green (17%)
- Blue (21%)



- Red (1%)
- Yellow (10%)
- Blue (21%)



- Cyan (96%)
- Magenta (20%)
- Yellow (0%)
- Black (79%)



- Cyan (99%)
- Magenta (83%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 31.9950, 10.8485, -26.3056 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 31.9950, 10.8485, -26.3056 by changing the saturation by 10% instead.

■ 31.9950, 10.8485,
-26.3056

■ 31.9950, 10.8485,
-26.3056

■ 250.5150, 2.2111,
-9.2217

■ 17.2630, 7.7583,
-15.1397

■ 79.3160, 10.6902,
-22.2021

■ 0.9120, 3.4944,
-0.7998

■ 104.0170, 10.8376,
-22.8169

■ 0.0000, 0.0000,
0.0000

■ 129.1310, 11.2744,
-22.9169

■ 155.7180, 10.9850,
-23.4317

■ 182.8320, 11.4218,
-23.5317

■ 210.5330, 11.5692,

-24.1464

■ 237.7350, 8.5116,
-23.4466

■ 31.9950, 10.8485,
-26.3056

■ 31.9950, 10.8485,
-26.3056

■ 31.3970, 11.1433,
-27.5352

■ 34.0770, 9.8220,
-23.7465

■ 36.4580, 8.6482,
-20.5727

■ 38.5400, 7.6218,
-18.0136

■ 41.5080, 6.1586,
-15.3545

■ 43.5900, 5.1321,
-12.7954

■ 45.6720, 4.1057,
-10.2363

■ 48.0530, 2.9319,
-7.0625

■ 50.1350, 1.9054,
-4.5034

■ 52.5160, 0.7316,
-1.3295

Harmonies

Analogous

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



31.3710, 7.2121, -26.6354



31.9950, 10.8485, -26.3056



36.0610, 10.8159, -15.8395

Triad

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



31.9950, 10.8485, -26.3056



39.7290, 1.1196, 14.2697



37.1220, -8.4411, 0.7700

Complementary

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



31.9950, 10.8485, -26.3056



24.0050, -10.8485, 26.3056

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.



38.2370, -9.4838, 8.5622



31.9950, 10.8485, -26.3056



39.1870, -3.5432, 16.4990

Square

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



31.9950, 10.8485, -26.3056



40.2380, 5.7987, 6.8073



39.1390, -7.4635, 13.9101



36.2780, -5.0671, -8.1368

Rectangle

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



31.9950, 10.8485, -26.3056



38.4750, 9.6258, -7.4326



39.1390, -7.4635, 13.9101



37.6170, -9.1782, 3.8439

Sweetspot

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



31.9950, 10.8485, -26.3056



62.6720, 4.1057, -10.2363



33.6640, -10.6804, -27.7693



30.3520, 2.7845, -6.4477



163.0000, 0.0000, 0.0000



36.0000, 0.0000, 0.0000

Same Dimension

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



31.9950, 10.8485, -26.3056



40.9660, 14.8068, -35.9272



17.3200, 18.0832, -13.4356



26.5160, 0.7316, -1.3295



52.7520, 19.3493, -46.2635



126.5170, 45.5941, -110.9554

Inverse Universe

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



22.2220, 10.2436, 27.8693



27.6130, 13.9948, 38.0504



38.6800, -18.0832, 13.4356



26.1250, 0.4314, 1.6444



35.7160, 17.8880, 49.3611



85.2030, 43.2839, 117.3400

Previews

White Background



This preview shows how the YUV color 31.9950, 10.8485, -26.3056 looks on a white background.

Color Contrast Check

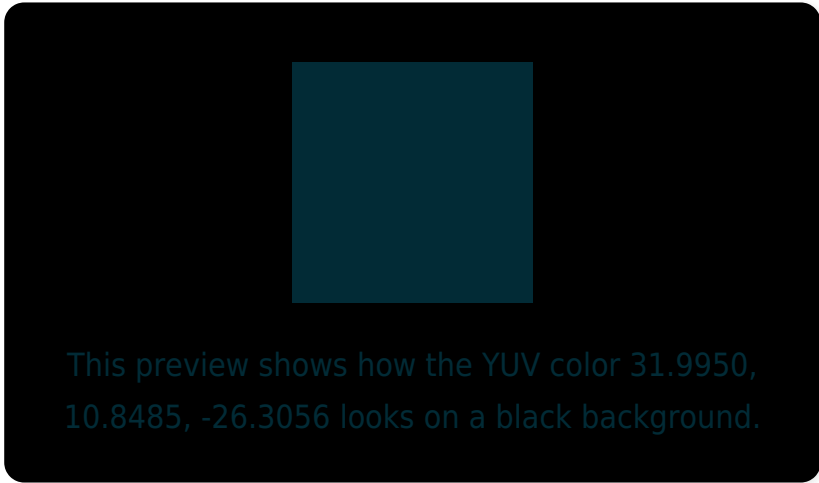
Large Text (above 18pt) WCAG AA ✓ Pass

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

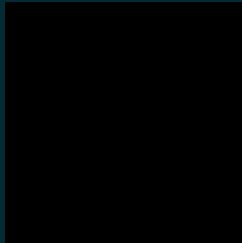
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

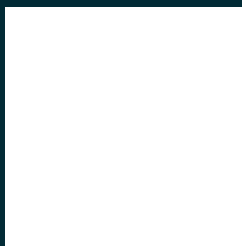
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 31.9950, 10.8485, -26.3056

Background



This preview shows how black text looks on a background with the YUV color 31.9950, 10.8485, -26.3056.



This preview shows how white text looks on a background with the YUV color 31.9950, 10.8485,

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

31.9950, 10.8485, -26.3056

Protanopia

39.4710, 5.6838, -3.0441

Deuteranopia

39.3290, 7.7258, -4.6735



Tritanopia

31.1860, 7.7963, -27.3501

Trichromacy



Original Color

31.9950, 10.8485, -26.3056

Protanomaly

36.5840, 7.6001, -11.0362

Deuteranomaly

36.3280, 9.2053, -12.5657

Tritanomaly

31.8270, 8.9593, -27.0353

Monochromacy



Original Color

31.9950, 10.8485, -26.3056

Achromatopsia

32.0000, 0.0000, 0.0000

Achromatomaly

31.9710, 3.9583, -9.6216

CSS Examples

Text

The CSS property to change the color of the text to YUV 31.9950, 10.8485, -26.3056 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(2, 43, 54)` looks like.

```
.text, #text, p{  
    color:rgb(2, 43, 54)  
}
```

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(2, 43, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 43, 54) }
```

Border

The CSS property to change the border of an element to YUV 31.9950, 10.8485, -26.3056 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(2, 43, 54) }
```


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

```
.border{ border-color:rgb(2, 43, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 43, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 43, 54); -webkit-box-shadow:4px  
4px 4px 4px rgb(2, 43, 54); box-shadow:4px  
4px 4px 4px rgb(2, 43, 54) }
```

Background

The CSS property to change the background color of an element to YUV 31.9950, 10.8485, -26.3056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 43, 54) }
```

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

```
.background{ background-color: rgb(2, 43,  
54) }
```

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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