

Converting Colors

YUV(30.3250, -3.1182, -26.5950)

Have a look what the booklet for
YUV(30.3250, -3.1182, -26.5950)
contains.

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Color

**YUV(30.3250, -3.1182,
-26.5950)**

Conversions

Conversions Part 1

Format	Color
Hex	002F18
RGB	0, 47, 24
RGB Percent	0%, 18%, 9%
CMY	1.0000, 0.8157, 0.9059
CMYK	1.00, 0.00, 0.49, 0.82
HSL	151°, 100%, 9%
HSV	151°, 100%, 18%
XYZ	1.1814, 2.0990, 1.2070
YIQ	30.3250, -20.6290, -17.1170

Conversions

Conversions Part 2

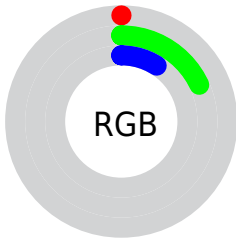
Format	Color
RYB	0, 31, 47
Decimal	12056
CIELab	16.00, -22.10, 10.57
CIELCh	16, 24.502, 154.432
Yxy	2.0990, 0.2633, 0.4677
Android (android.graphics.Color)	4278202136 (0xFF002F18)
YUV	30.3250, -3.1182, -26.5950
Hunter-Lab	14.4879, -10.7983, 5.2019

Details

The YUV color **30.3250, -3.1182, -26.5950** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **16.6750, 3.1182, 26.5950**, and the grayscale version is **30.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **77.4670, -5.1602, -24.9656**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **30.3250, -3.1182, -26.5950**, and if you desaturate by 10%, it is **32.0480, -2.9817, -23.7211**.

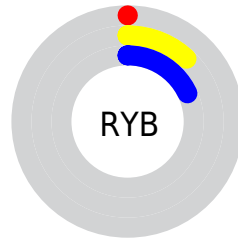
Distribution



Red (0%)

Green (18%)

Blue (9%)



Red (0%)

Yellow (12%)

Blue (18%)

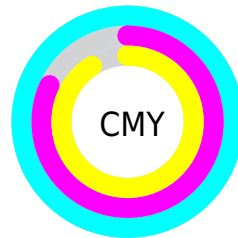


Cyan (100%)

Magenta (0%)

Yellow (49%)

Black (82%)



Cyan (100%)

Magenta (82%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 30.3250, -3.1182, -26.5950 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 30.3250, -3.1182, -26.5950 by changing the saturation by 10% instead.

■ 30.3250, -3.1182,
-26.5950

■ 30.3250, -3.1182,
-26.5950

■ 248.2650, 1.3484,
-12.5104

■ 16.4360, -8.1029,
-14.4144

■ 77.4670, -5.1602,
-24.9656

■ 0.0000, 0.0000,
0.0000

■ 102.3530, -5.5970,
-24.8656

■ 126.9400, -5.8864,
-25.3804

■ 153.5270, -6.1758,
-25.8952

■ 180.1140, -6.4652,
-26.4100

■ 208.2880, -7.0440,

-27.4396

■ 236.2880, -7.0440,
-27.4396

■ 30.3250, -3.1182,
-26.5950

■ 32.0480, -2.9817,
-23.7211

■ 33.5860, -2.2609,
-21.5619

■ 35.3090, -2.1243,
-18.6880

■ 37.0320, -1.9878,
-15.8141

■ 38.8690, -1.4144,
-13.0401

■ 40.2930, -1.1304,
-10.7810

■ 42.0160, -0.9939,
-7.9070

■ 43.7390, -0.8573,
-5.0331

■ 45.2770, -0.1366,
-2.8739

Harmonies

Analogous

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



35.2970, -13.9504, -5.5225



30.3250, -3.1182, -26.5950



32.9640, 4.4547, -28.9094

Triad

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



30.3250, -3.1182, -26.5950



33.5140, 20.4526, -26.7608



38.5860, -8.6699, 27.5501

Complementary

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



30.3250, -3.1182, -26.5950



16.6750, 3.1182, 26.5950

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.



39.0620, -0.5236, 28.0096



30.3250, -3.1182, -26.5950



40.9800, 13.8139, 2.6485

Square

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



30.3250, -3.1182, -26.5950



34.5090, 17.9901, -30.2644



40.9560, 6.9237, 19.3326



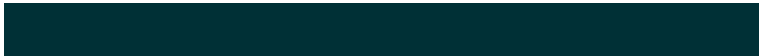
38.0660, -16.7945, 20.1131

Rectangle

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



30.3250, -3.1182, -26.5950



34.3320, 9.6963, -30.1092



40.9560, 6.9237, 19.3326



38.8680, -6.3439, 28.1798

Sweetspot

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



30.3250, -3.1182, -26.5950



54.5920, -1.2779, -10.1662



34.7650, -17.1391, -9.4409



27.0270, -0.9993, -6.1627



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.



30.3250, -3.1182, -26.5950



39.3410, -4.1121, -34.5021



32.9470, 6.9281, -28.8945



22.2880, -0.1420, -1.1296



56.0850, -5.9579, -49.1865



138.0440, -14.3187, -121.0646

Inverse Universe

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



16.6750, 3.1182, 26.5950



21.6590, 4.1121, 34.5021



14.0530, -6.9281, 28.8945



21.7120, 0.1420, 1.1296



30.8010, 5.5211, 49.2865



75.9560, 14.3187, 121.0646

Previews

White Background



This preview shows how the YUV color 30.3250, -3.1182, -26.5950 looks on a white background.

Color Contrast Check

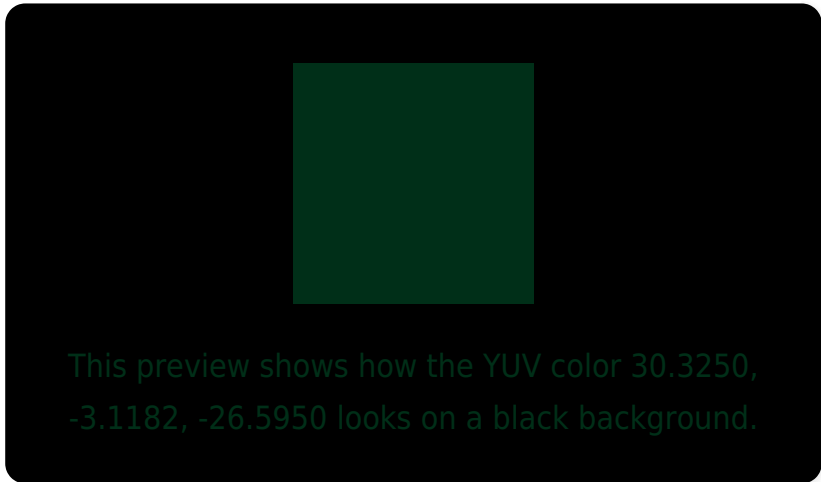
Large Text (above 18pt) WCAG AA ✓ Pass

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

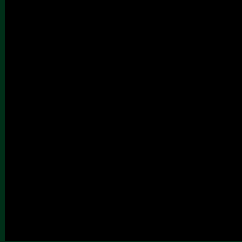
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 30.3250, -3.1182, -26.5950

Background



This preview shows how black text looks on a background with the YUV color 30.3250, -3.1182, -26.5950.



This preview shows how white text looks on a background with the YUV color 30.3250, -3.1182,

-26.5950.

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

30.3250, -3.1182, -26.5950

Protanopia

40.0300, -8.8888, 4.3587

Deuteranopia

40.5080, -7.1524, 7.4475



Tritanopia

36.6820, 5.5798, -16.3841

Trichromacy



Original Color

30.3250, -3.1182, -26.5950

Protanomaly

36.5340, -6.6723, -6.6073

Deuteranomaly

36.7730, -5.8041, -5.0629

Tritanomaly

34.1500, 2.3911, -20.3026

Monochromacy



Original Color

30.3250, -3.1182, -26.5950

Achromatopsia

30.0000, 0.0000, 0.0000

Achromatomaly

30.0050, -0.9885, -9.6514

CSS Examples

Text

The CSS property to change the color of the text to YUV 30.3250, -3.1182, -26.5950 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, 47, 24)` looks like.

```
.text, #text, p{  
    color:rgb(0, 47, 24)  
}
```

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, 47, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 47, 24) }
```

Border

The CSS property to change the border of an element to YUV 30.3250, -3.1182, -26.5950 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, 47, 24) }
```


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

```
.border{ border-color:rgb(0, 47, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 47, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 47, 24); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 47, 24); box-shadow:4px  
4px 4px 4px rgb(0, 47, 24) }
```

Background

The CSS property to change the background color of an element to YUV 30.3250, -3.1182, -26.5950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 47, 24) }
```

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

```
.background{ background-color: rgb(0, 47,  
24) }
```

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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