

Converting Colors

YUV(26.1850, -4.0352, -12.4402)

Have a look what the booklet for
YUV(26.1850, -4.0352, -12.4402)
contains.

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Color

**YUV(26.1850, -4.0352,
-12.4402)**

Conversions

Conversions Part 1

Format	Color
Hex	0C2312
RGB	12, 35, 18
RGB Percent	5%, 14%, 7%
CMY	0.9529, 0.8627, 0.9294
CMYK	0.66, 0.00, 0.49, 0.86
HSL	136°, 49%, 9%
HSV	136°, 66%, 14%
XYZ	0.8618, 1.3239, 0.7824
YIQ	26.1850, -8.2510, -10.1630

Conversions

Conversions Part 2

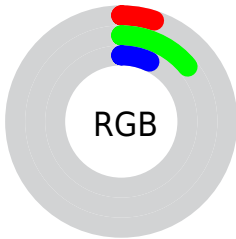
Format	Color
RYB	12, 30, 35
Decimal	795410
CIELab	11.44, -14.02, 8.54
CIELCh	11, 16.414, 148.664
Yxy	1.3239, 0.2904, 0.4460
Android (android.graphics.Color)	4278985490 (0xFF0C2312)
YUV	26.1850, -4.0352, -12.4402
Hunter-Lab	11.5061, -6.7656, 4.0227

Details

The YUV color **26.1850, -4.0352, -12.4402** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **20.8150, 4.0352, 12.4402**, and the grayscale version is **26.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **70.2450, -5.0508, -13.3699**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **24.9460, -4.9034, -13.9846**, and if you desaturate by 10%, it is **27.7230, -3.3144, -10.2811**.

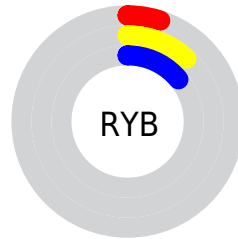
Distribution



Red (5%)

Green (14%)

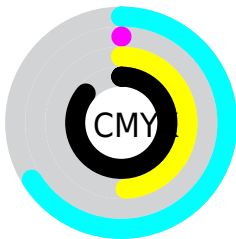
Blue (7%)



Red (5%)

Yellow (12%)

Blue (14%)

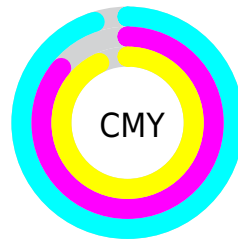


Cyan (66%)

Magenta (0%)

Yellow (49%)

Black (86%)



Cyan (95%)

Magenta (86%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 26.1850, -4.0352, -12.4402 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 26.1850, -4.0352, -12.4402 by changing the saturation by 10% instead.

■ 26.1850, -4.0352,
-12.4402

■ 26.1850, -4.0352,
-12.4402

■ 248.1360, -3.0250,
-9.7663

■ 5.8700, -2.8939,
-5.1480

■ 70.2450, -5.0508,
-13.3699

■ 0.0000, 0.0000,
0.0000

■ 93.8320, -5.3402,
-13.8847

■ 118.8320, -5.3402,
-13.8847

■ 144.4190, -5.6296,
-14.3995

■ 171.0060, -5.9190,
-14.9143

■ 198.5930, -6.2083,

-15.4291

■ 226.5930, -6.2083,
-15.4291

■ 26.1850, -4.0352,
-12.4402

■ 26.1850, -4.0352,
-12.4402

■ 24.9460, -4.9034,
-13.9846

■ 27.7230, -3.3144,
-10.2811

■ 23.5220, -5.1873,
-16.2438

■ 28.8480, -2.8831,
-8.6367

■ 22.2830, -6.0555,
-17.7882

■ 30.3860, -2.1623,
-6.4775

■ 21.5710, -6.1975,
-18.9178

■ 31.5110, -1.7309,
-4.8331

■ 33.0490, -1.0102,
-2.6740

■ 34.2880, -0.1420,
-1.1296

■ 35.7120, 0.1420,
1.1296

■ 36.9510, 1.0102,
2.6740

■ 38.3750, 1.2941,
4.9331

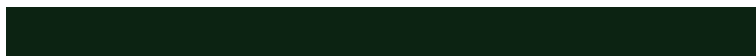
Harmonies

Analogous

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



28.1280, -10.9091, -0.9893



26.1850, -4.0352, -12.4402



24.4380, 2.2491, -21.4321

Triad

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



26.1850, -4.0352, -12.4402



27.2180, 12.7105, -16.8542



30.4430, -5.1484, 18.0285

Complementary

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



26.1850, -4.0352, -12.4402



20.8150, 4.0352, 12.4402

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.



31.1100, -0.0542, 17.4435



26.1850, -4.0352, -12.4402



31.1060, 9.3147, -0.9700

Square

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



26.1850, -4.0352, -12.4402



25.5440, 11.5638, -22.4021



31.4450, 5.2036, 11.0107



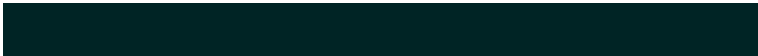
29.6400, -10.6685, 15.2247

Rectangle

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



26.1850, -4.0352, -12.4402



25.3500, 5.7435, -22.2319



31.4450, 5.2036, 11.0107



30.3120, -3.1118, 18.1434

Sweetspot

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



26.1850, -4.0352, -12.4402



42.5110, -1.7309, -4.8331



30.5840, -9.1619, -1.3892



20.7500, -0.8628, -3.2887



150.0000, 0.0000, 0.0000



23.0000, 0.0000, 0.0000

Same Dimension

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



26.1850, -4.0352, -12.4402



32.1580, -6.4869, -19.4326



27.4390, 0.7696, -13.5400



17.2880, -0.1420, -1.1296



50.5280, -14.5573, -44.3131



128.9530, -36.4588, -113.0918

Inverse Universe

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



20.8150, 4.0352, 12.4402



23.7280, 6.0501, 19.5325



19.5610, -0.7696, 13.5400



16.7120, 0.1420, 1.1296



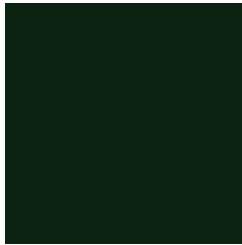
31.3580, 14.1205, 44.4130



80.1610, 36.8956, 112.9918

Previews

White Background



This preview shows how the YUV color 26.1850, -4.0352, -12.4402 looks on a white background.

Color Contrast Check

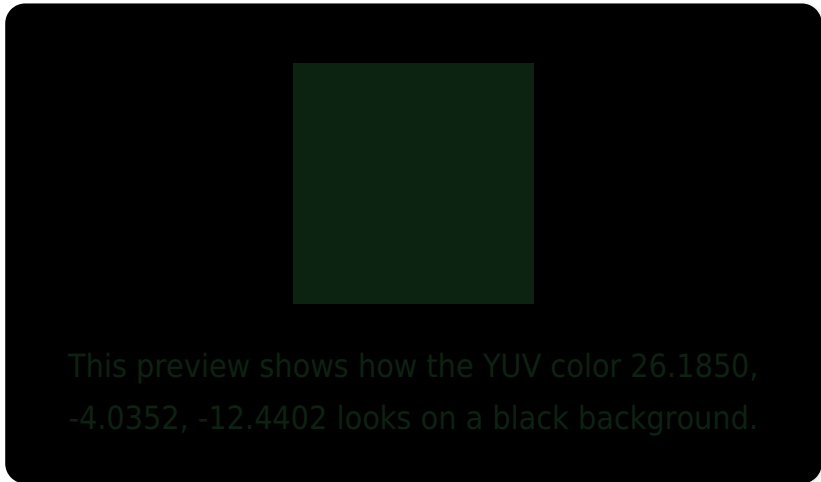
Large Text (above 18pt) WCAG AA ✓ Pass

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

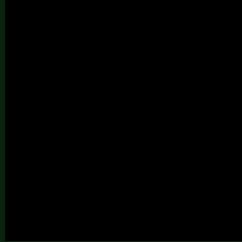
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 26.1850, -4.0352, -12.4402

Background



This preview shows how black text looks on a background with the YUV color 26.1850, -4.0352, -12.4402.



This preview shows how white text looks on a background with the YUV color 26.1850, -4.0352,

-12.4402.

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

26.1850, -4.0352, -12.4402

Protanopia

30.1870, -6.9942, 3.3440

Deuteranopia

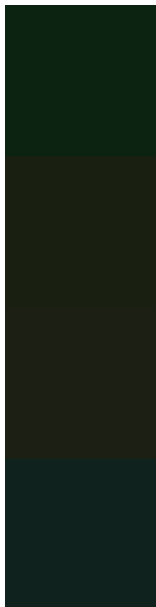
30.2520, -5.5472, 5.9180



Tritanopia

28.5580, 3.6689, -10.1364

Trichromacy



Original Color

26.1850, -4.0352, -12.4402

Protanomaly

28.4960, -5.6675, -2.1890

Deuteranomaly

28.7350, -4.7994, -0.6446

Tritanomaly

27.7490, 0.6167, -11.1809

Monochromacy



Original Color

26.1850, -4.0352, -12.4402

Achromatopsia

26.0000, 0.0000, 0.0000

Achromatomaly

25.9240, -1.4415, -4.3183

CSS Examples

Text

The CSS property to change the color of the text to YUV 26.1850, -4.0352, -12.4402 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, 35, 18)` looks like.

```
.text, #text, p{  
    color:rgb(12, 35, 18)  
}
```

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, 35, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 35, 18) }
```

Border

The CSS property to change the border of an element to YUV 26.1850, -4.0352, -12.4402 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, 35, 18) }
```


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

```
.border{ border-color:rgb(12, 35, 18) }
```

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

Here you see how a box with a 4 pixel rgb(12, 35, 18) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 35, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 35, 18);  
box-shadow:4px 4px 4px 4px rgb(12, 35, 18)  
}
```

Background

The CSS property to change the background color of an element to YUV 26.1850, -4.0352, -12.4402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 35, 18) }
```

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

```
.background{ background-color: rgb(12, 35,  
18) }
```

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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