

Converting Colors

YUV(21.5850, 2.6696, -16.2990)

Have a look what the booklet for
YUV(21.5850, 2.6696, -16.2990)
contains.

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Color

**YUV(21.5850, 2.6696,
-16.2990)**

Conversions

Conversions Part 1

Format	Color
Hex	031E1B
RGB	3, 30, 27
RGB Percent	1%, 12%, 11%
CMY	0.9882, 0.8824, 0.8941
CMYK	0.90, 0.00, 0.10, 0.88
HSL	173°, 82%, 6%
HSV	173°, 90%, 12%
XYZ	0.6997, 1.0270, 1.1983
YIQ	21.5850, -15.1290, -6.6570

Conversions

Conversions Part 2

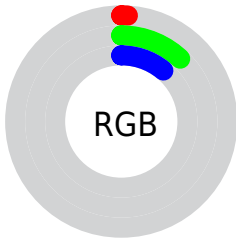
Format	Color
R _Y B	3, 17, 30
Decimal	204315
CIE Lab	9.21, -11.06, -1.01
CIE LCh	9, 11.104, 185.234
Yxy	1.0270, 0.2392, 0.3511
Android (android.graphics.Color)	4278394395 (0xFF031E1B)
YUV	21.5850, 2.6696, -16.2990
Hunter-Lab	10.1343, -5.4116, 0.0836

Details

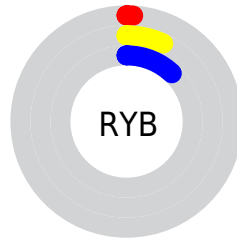
The YUV color **21.5850, 2.6696, -16.2990** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **11.4150, -2.6696, 16.2990**, and the grayscale version is **22.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **65.4710, 2.2328, -16.1991**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **20.6880, 3.1118, -18.1434**, and if you desaturate by 10%, it is **22.4820, 2.2274, -14.4547**.

Distribution



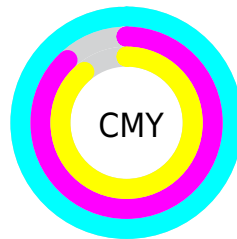
- Red (1%)
- Green (12%)
- Blue (11%)



- Red (1%)
- Yellow (7%)
- Blue (12%)



- Cyan (90%)
- Magenta (0%)
- Yellow (10%)
- Black (88%)



- Cyan (99%)
- Magenta (88%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 21.5850, 2.6696, -16.2990 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 21.5850, 2.6696, -16.2990 by changing the saturation by 10% instead.

■ 21.5850, 2.6696,
-16.2990

■ 21.5850, 2.6696,
-16.2990

■ 246.8130, 3.5432,
-16.4990

■ 0.0000, 0.0000,
0.0000

■ 65.4710, 2.2328,
-16.1991

■ 89.1720, 2.3802,
-16.8138

■ 113.7590, 2.0908,
-17.3286

■ 138.8730, 2.5276,
-17.4286

■ 165.4600, 2.2382,
-17.9434

■ 192.5740, 2.6750,

-18.0434

■ 221.1610, 2.3856,
-18.5582

■ 21.5850, 2.6696,
-16.2990

■ 21.5850, 2.6696,
-16.2990

■ 20.6880, 3.1118,
-18.1434

■ 22.4820, 2.2274,
-14.4547

■ 23.4930, 2.2220,
-12.7104

■ 24.3900, 1.7797,
-10.8660

■ 25.2870, 1.3375,
-9.0217

■ 26.2980, 1.3321,
-7.2773

■ 27.1950, 0.8899,
-5.4330

■ 28.0920, 0.4476,
-3.5887

■ 29.1030, 0.4422,
-1.8443

■ 30.0000, 0.0000,
0.0000

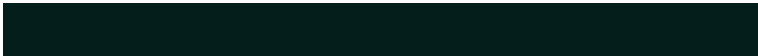
Harmonies

Analogous

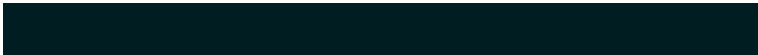
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



22.7770, -1.8621, -9.4514



21.5850, 2.6696, -16.2990



21.4860, 6.1694, -18.8432

Triad

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



21.5850, 2.6696, -16.2990



26.7920, 5.5255, 1.0594



25.2910, -8.0315, 9.3918

Complementary

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



21.5850, 2.6696, -16.2990



11.4150, -2.6696, 16.2990

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.



26.2250, -4.5479, 12.0807



21.5850, 2.6696, -16.2990



26.7390, 2.5937, 8.1219

Square

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



21.5850, 2.6696, -16.2990



25.0190, 7.8786, -7.0327



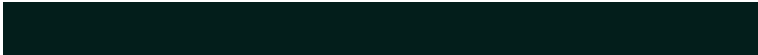
26.5500, -0.7641, 11.7957



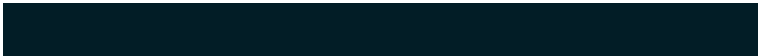
25.0300, -8.8888, 4.3587

Rectangle

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



21.5850, 2.6696, -16.2990



21.9530, 7.9112, -17.4988



26.5500, -0.7641, 11.7957



25.6440, -6.7265, 10.8362

Sweetspot

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



21.5850, 2.6696, -16.2990



34.8960, 1.0373, -6.0478



19.7460, -8.2558, -12.0552



18.2060, 0.8844, -3.6887



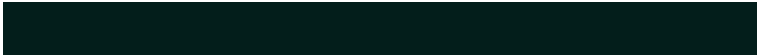
148.0000, 0.0000, 0.0000



20.0000, 0.0000, 0.0000

Same Dimension

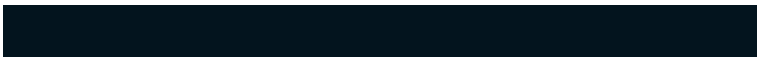
The Same Dimension uses a secret algorithm to generate beautiful new colors.



21.5850, 2.6696, -16.2990



26.1820, 3.8543, -22.9616



16.0570, 6.8739, -11.4510



14.7010, 0.1474, -0.6148



54.3530, 7.7140, -47.6676



142.4850, 20.4669, -124.9593

Inverse Universe

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



11.4150, -2.6696, 16.2990



11.8180, -3.8543, 22.9616



16.9430, -6.8739, 11.4510



14.2990, -0.1474, 0.6148



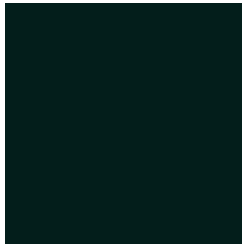
24.6470, -7.7140, 47.6676



64.5150, -20.4669, 124.9593

Previews

White Background



This preview shows how the YUV color 21.5850, 2.6696, -16.2990 looks on a white background.

Color Contrast Check

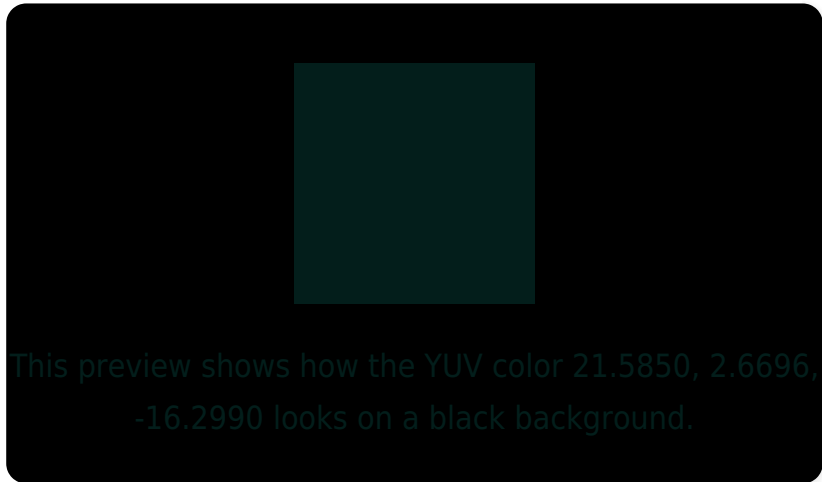
Large Text (above 18pt) WCAG AA ✓ Pass

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

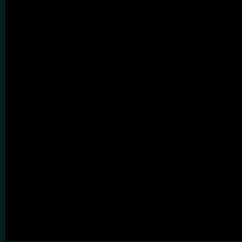
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

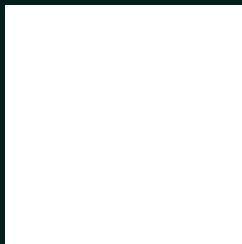
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 21.5850, 2.6696, -16.2990

Background



This preview shows how black text looks on a background with the YUV color 21.5850, 2.6696, -16.2990.



This preview shows how white text looks on a background with the YUV color 21.5850, 2.6696, -16.2990.

-16.2990.

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

21.5850, 2.6696, -16.2990

Protanopia

26.1850, -0.5842, 0.7148

Deuteranopia

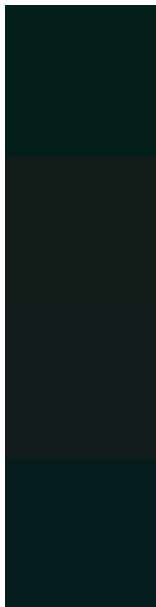
26.8260, 0.5788, 1.0296



Tritanopia

23.0630, 4.4059, -13.2103

Trichromacy



Original Color

21.5850, 2.6696, -16.2990

Protanomaly

24.1950, 0.8899, -5.4330

Deuteranomaly

24.7220, 1.6161, -5.0182

Tritanomaly

22.2370, 3.8272, -14.2398

Monochromacy



Original Color

21.5850, 2.6696, -16.2990

Achromatopsia

22.0000, 0.0000, 0.0000

Achromatomaly

21.8960, 1.0373, -6.0478

CSS Examples

Text

The CSS property to change the color of the text to YUV 21.5850, 2.6696, -16.2990 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(3, 30, 27)` looks like.

```
.text, #text, p{  
  color:rgb(3, 30, 27)  
}
```

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(3, 30, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 30, 27) }
```

Border

The CSS property to change the border of an element to YUV 21.5850, 2.6696, -16.2990 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(3, 30, 27) }
```


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

```
.border{ border-color:rgb(3, 30, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 30, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 30, 27); -webkit-box-shadow:4px  
4px 4px 4px rgb(3, 30, 27); box-shadow:4px  
4px 4px 4px rgb(3, 30, 27) }
```

Background

The CSS property to change the background color of an element to YUV 21.5850, 2.6696, -16.2990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 30, 27) }
```

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

```
.background{ background-color: rgb(3, 30,  
27) }
```

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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