

Converting Colors

YUV(22.5850, 2.6696, -16.2990)

Have a look what the booklet for
YUV(22.5850, 2.6696, -16.2990)
contains.

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Color

**YUV(22.5850, 2.6696,
-16.2990)**

Conversions

Conversions Part 1

Format	Color
Hex	041F1C
RGB	4, 31, 28
RGB Percent	2%, 12%, 11%
CMY	0.9843, 0.8784, 0.8902
CMYK	0.87, 0.00, 0.10, 0.88
HSL	173°, 77%, 7%
HSV	173°, 87%, 12%
XYZ	0.7497, 1.0896, 1.2694
YIQ	22.5850, -15.1290, -6.6570

Conversions

Conversions Part 2

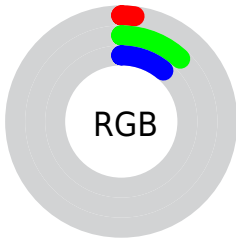
Format	Color
R_YB	4, 18, 31
Decimal	270108
CIE Lab	9.72, -11.17, -1.01
CIE LCh	10, 11.219, 185.169
Yxy	1.0896, 0.2411, 0.3505
Android (android.graphics.Color)	4278460188 (0xFF041F1C)
YUV	22.5850, 2.6696, -16.2990
Hunter-Lab	10.4385, -5.4482, 0.0968

Details

The YUV color **22.5850, 2.6696, -16.2990** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **12.4150, -2.6696, 16.2990**, and the grayscale version is **23.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **66.4710, 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 **21.6880, 3.1118, -18.1434**, and if you desaturate by 10%, it is **23.4820, 2.2274, -14.4547**.

Distribution



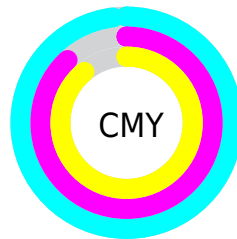
- Red (2%)
- Green (12%)
- Blue (11%)



- Red (2%)
- Yellow (7%)
- Blue (12%)



- Cyan (87%)
- Magenta (0%)
- Yellow (10%)
- Black (88%)



- Cyan (98%)
- Magenta (88%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 22.5850, 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 22.5850, 2.6696, -16.2990 by changing the saturation by 10% instead.

■ 22.5850, 2.6696,
-16.2990

■ 22.5850, 2.6696,
-16.2990

■ 247.2260, 3.8326,
-15.9842

■ 0.1140, 0.4368,
-0.1000

■ 66.4710, 2.2328,
-16.1991

■ 0.0000, 0.0000,
0.0000

■ 90.1720, 2.3802,
-16.8138

■ 114.8730, 2.5276,
-17.4286

■ 140.7590, 2.0908,
-17.3286

■ 166.5740, 2.6750,
-18.0434

■ 194.1610, 2.3856,

-18.5582

■ 222.1610, 2.3856,
-18.5582

■ 22.5850, 2.6696,
-16.2990

■ 22.5850, 2.6696,
-16.2990

■ 21.6880, 3.1118,
-18.1434

■ 23.4820, 2.2274,
-14.4547

■ 21.3890, 3.2592,
-18.7582

■ 24.4930, 2.2220,
-12.7104

■ 25.3900, 1.7797,
-10.8660

■ 26.2870, 1.3375,
-9.0217

■ 27.5970, 1.1847,
-6.6626

■ 28.4940, 0.7425,
-4.8182

■ 29.3910, 0.3002,
-2.9739

■ 30.4020, 0.2948,
-1.2296

■ 31.2990, -0.1474,
0.6148

Harmonies

Analogous

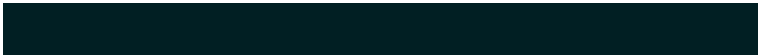
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



23.7770, -1.8621, -9.4514



22.5850, 2.6696, -16.2990



22.4860, 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.



22.5850, 2.6696, -16.2990



27.5040, 5.6675, 2.1890



26.7040, -7.7421, 9.9066

Complementary

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



22.5850, 2.6696, -16.2990



12.4150, -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.



27.2250, -4.5479, 12.0807



22.5850, 2.6696, -16.2990



27.7390, 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.



22.5850, 2.6696, -16.2990



26.0190, 7.8786, -7.0327



27.5500, -0.7641, 11.7957



26.0300, -8.8888, 4.3587

Rectangle

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



22.5850, 2.6696, -16.2990



22.9530, 7.9112, -17.4988



27.5500, -0.7641, 11.7957



26.6440, -6.7265, 10.8362

Sweetspot

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



22.5850, 2.6696, -16.2990



37.5970, 1.1847, -6.6626



20.7460, -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.



22.5850, 2.6696, -16.2990



28.1710, 3.8597, -24.7060



17.0570, 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.



12.4150, -2.6696, 16.2990



12.8290, -3.8597, 24.7060



17.9430, -6.8739, 11.4510



14.2990, -0.1474, 0.6148



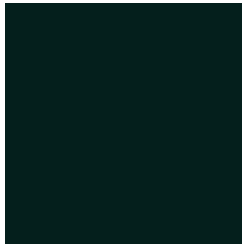
24.6470, -7.7140, 47.6676



64.5150, -20.4669, 124.9593

Previews

White Background



This preview shows how the YUV color 22.5850, 2.6696, -16.2990 looks on a white background.

Color Contrast Check

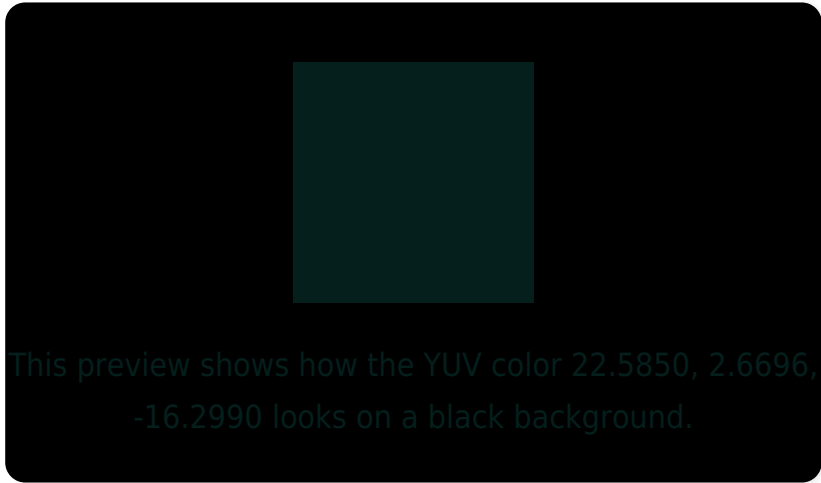
Large Text (above 18pt) WCAG AA ✓ Pass

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

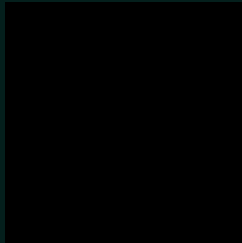
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 22.5850, 2.6696, -16.2990

Background



This preview shows how black text looks on a background with the YUV color 22.5850, 2.6696, -16.2990.



This preview shows how white text looks on a background with the YUV color 22.5850, 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

22.5850, 2.6696, -16.2990

Protanopia

27.1850, -0.5842, 0.7148

Deuteranopia

27.8260, 0.5788, 1.0296



Tritanopia

24.0630, 4.4059, -13.2103

Trichromacy



Original Color

22.5850, 2.6696, -16.2990

Protanomaly

25.1950, 0.8899, -5.4330

Deuteranomaly

25.7220, 1.6161, -5.0182

Tritanomaly

23.2370, 3.8272, -14.2398

Monochromacy



Original Color

22.5850, 2.6696, -16.2990

Achromatopsia

23.0000, 0.0000, 0.0000

Achromatomaly

22.8960, 1.0373, -6.0478

CSS Examples

Text

The CSS property to change the color of the text to YUV 22.5850, 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(4, 31, 28)` looks like.

```
.text, #text, p{  
    color:rgb(4, 31, 28)  
}
```

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(4, 31, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 31, 28) }
```

Border

The CSS property to change the border of an element to YUV 22.5850, 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(4, 31, 28) }
```


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

```
.border{ border-color:rgb(4, 31, 28) }
```

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

Here you see how a box with a 4 pixel rgb(4, 31, 28) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 31, 28); -webkit-box-shadow:4px  
4px 4px 4px rgb(4, 31, 28); box-shadow:4px  
4px 4px 4px rgb(4, 31, 28) }
```

Background

The CSS property to change the background color of an element to YUV 22.5850, 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(4, 31, 28) }
```

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

```
.background{ background-color: rgb(4, 31,  
28) }
```

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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