

Converting Colors

YUV(28.2670, -8.5126, -23.0362)

Have a look what the booklet for
YUV(28.2670, -8.5126, -23.0362)
contains.

YUV(28.2670, -8.5126, -23.0362)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(28.2670, -8.5126,
-23.0362)**

Conversions

Conversions Part 1

Format	Color
Hex	022D0B
RGB	2, 45, 11
RGB Percent	1%, 18%, 4%
CMY	0.9922, 0.8235, 0.9569
CMYK	0.96, 0.00, 0.76, 0.82
HSL	133°, 91%, 9%
HSV	133°, 96%, 18%
XYZ	1.0238, 1.9138, 0.6321
YIQ	28.2670, -14.7140, -19.6900

Conversions

Conversions Part 2

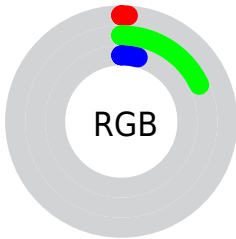
Format	Color
R_{YB}	2, 38, 45
Decimal	142603
CIE _{Lab}	15.03, -23.32, 16.87
CIE _{LCh}	15, 28.781, 144.115
Yxy	1.9138, 0.2868, 0.5361
Android (android.graphics.Color)	4278332683 (0xFF022D0B)
YUV	28.2670, -8.5126, -23.0362
Hunter-Lab	13.8342, -10.9995, 6.9751

Details

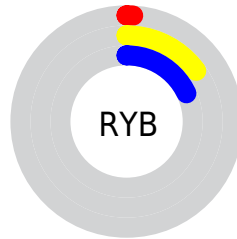
The YUV color **28.2670, -8.5126, -23.0362** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **18.7330, 8.5126, 23.0362**, and the grayscale version is **28.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **74.6370, -9.6810, -21.6066**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **27.4410, -9.0914, -24.0658**, and if you desaturate by 10%, it is **29.9190, -7.3551, -20.9770**.

Distribution



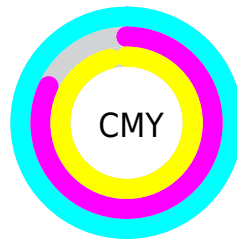
- Red (1%)
- Green (18%)
- Blue (4%)



- Red (1%)
- Yellow (15%)
- Blue (18%)



- Cyan (96%)
- Magenta (0%)
- Yellow (76%)
- Black (82%)



- Cyan (99%)
- Magenta (82%)
- Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YUV color 28.2670, -8.5126, -23.0362 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 28.2670, -8.5126, -23.0362 by changing the saturation by 10% instead.

■ 28.2670, -8.5126,
-23.0362

■ 28.2670, -8.5126,
-23.0362

■ 246.5550, -5.2036,
-11.0107

■ 15.2620, -7.5242,
-13.3848

■ 74.6370, -9.6810,
-21.6066

■ 0.0000, 0.0000,
0.0000

■ 99.1100, -10.4072,
-22.0215


■ 124.5830,
-11.1334, -22.4363


■ 151.0560,
-11.8596, -22.8511


■ 177.6430,
-12.1490, -23.3659


■ 205.2300,


-12.4384, -23.8807


 233.7030,
-13.1646, -24.2955


 28.2670, -8.5126,
-23.0362


 28.2670, -8.5126,
-23.0362


 27.4410, -9.0914,
-24.0658

 29.9190, -7.3551,
-20.9770

 31.7560, -6.7817,
-18.2030

 33.7070, -5.7716,
-15.5290

 35.2450, -5.0508,
-13.3699

 37.1960, -4.0406,
-10.6959

■ 38.7340, -3.3199,
-8.5367

■ 40.6850, -2.3097,
-5.8627

■ 42.2230, -1.5889,
-3.7036

■ 44.1740, -0.5788,
-1.0296

Harmonies

Analogous

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



33.9340, -16.7295, -0.8191



28.2670, -8.5126, -23.0362



31.3510, 0.8130, -27.4948

Triad

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



28.2670, -8.5126, -23.0362



32.9590, 22.2052, -28.9050



34.9010, -6.3602, 33.4128

Complementary

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



28.2670, -8.5126, -23.0362



18.7330, 8.5126, 23.0362

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.



35.5230, 3.6862, 31.1133



28.2670, -8.5126, -23.0362



37.1790, 18.6458, -7.1730

Square

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



28.2670, -8.5126, -23.0362



34.3950, 17.5533, -30.1644



38.4980, 11.5865, 17.1033



35.5830, -17.5424, 26.6757

Rectangle

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



28.2670, -8.5126, -23.0362



32.9470, 6.9281, -28.8945



38.4980, 11.5865, 17.1033



34.8240, -2.8712, 34.3574

Sweetspot

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



28.2670, -8.5126, -23.0362



52.3210, -3.6093, -9.0515



37.4070, -17.4557, -1.2339



26.6850, -2.3097, -5.8627



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.



28.2670, -8.5126, -23.0362



36.0010, -11.8325, -31.5729



30.6610, 0.6601, -25.1357



22.1740, -0.5788, -1.0296



53.1210, -17.3147, -46.5871



130.7480, -42.2738, -114.6660

Inverse Universe

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



18.7330, 8.5126, 23.0362



22.8850, 11.3957, 31.6729



16.3390, -0.6601, 25.1357



21.7120, 0.1420, 1.1296



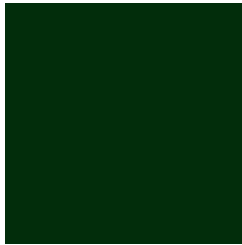
33.8790, 17.3147, 46.5871



83.2520, 42.2738, 114.6660

Previews

White Background



This preview shows how the YUV color 28.2670, -8.5126, -23.0362 looks on a white background.

Color Contrast Check

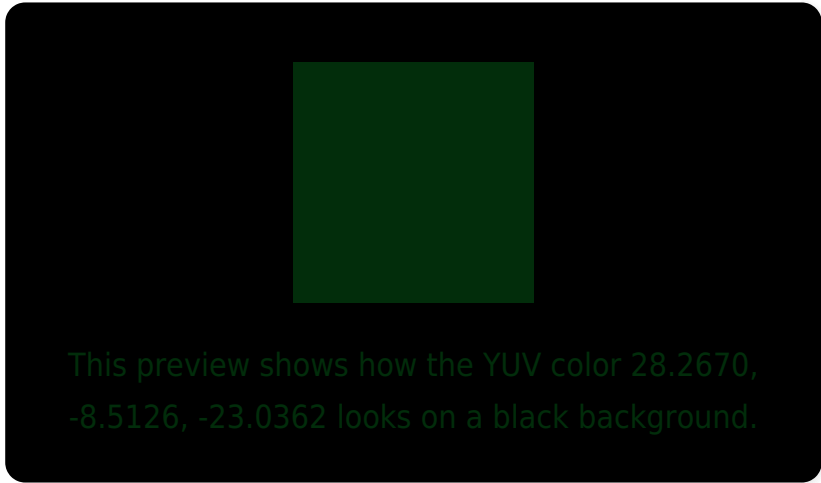
Large Text (above 18pt) WCAG AA ✓ Pass

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

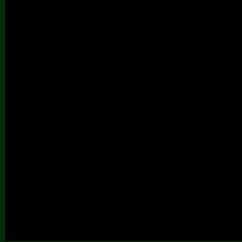
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 28.2670, -8.5126, -23.0362

Background



This preview shows how black text looks on a background with the YUV color 28.2670, -8.5126, -23.0362.



This preview shows how white text looks on a background with the YUV color 28.2670, -8.5126, -23.0362.

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

28.2670, -8.5126, -23.0362

Protanopia

36.7760, -13.6936, 5.4584

Deuteranopia

37.6670, -11.6678, 9.0620



Tritanopia

35.4650, 4.7008, -14.4398

Trichromacy



Original Color

28.2670, -8.5126, -23.0362

Protanomaly

33.5790, -11.6244, -4.8928

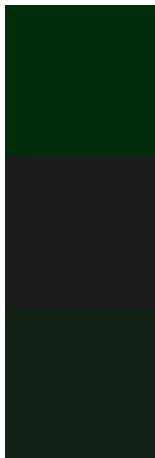
Deuteranomaly

34.2310, -10.4669, -2.8336

Tritanomaly

32.8900, 0.0542, -17.4435

Monochromacy



Original Color

28.2670, -8.5126, -23.0362

Achromatopsia

28.0000, 0.0000, 0.0000

Achromatomaly

28.1470, -3.0305, -8.0219

CSS Examples

Text

The CSS property to change the color of the text to YUV 28.2670, -8.5126, -23.0362 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, 45, 11)` looks like.

```
.text, #text, p{  
    color:rgb(2, 45, 11)  
}
```

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, 45, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 45, 11) }
```

Border

The CSS property to change the border of an element to YUV 28.2670, -8.5126, -23.0362 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, 45, 11) }
```


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

```
.border{ border-color:rgb(2, 45, 11) }
```

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

Here you see how a box with a 4 pixel rgb(2, 45, 11) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 45, 11); -webkit-box-shadow:4px  
4px 4px 4px rgb(2, 45, 11); box-shadow:4px  
4px 4px 4px rgb(2, 45, 11) }
```

Background

The CSS property to change the background color of an element to YUV 28.2670, -8.5126, -23.0362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 45, 11) }
```

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

```
.background{ background-color: rgb(2, 45,  
11) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor