

Converting Colors

YUV(103.3170, -28.2573,
-83.5930)

Have a look what the booklet for
YUV(103.3170, -28.2573, -83.5930)
contains.

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Color

**YUV(103.3170, -28.2573,
-83.5930)**

Conversions

Conversions Part 1

Format	Color
Hex	08A32E
RGB	8, 163, 46
RGB Percent	3%, 64%, 18%
CMY	0.9686, 0.3608, 0.8196
CMYK	0.95, 0.00, 0.72, 0.36
HSL	135°, 91%, 34%
HSV	135°, 95%, 64%
XYZ	13.6905, 26.4433, 6.9673
YIQ	103.3170, -54.8230, -69.2470

Conversions

Conversions Part 2

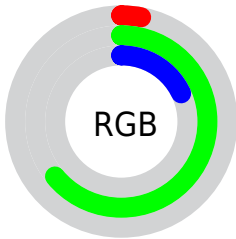
Format	Color
RYB	8, 132, 163
Decimal	566062
CIELab	58.46, -58.83, 48.38
CIELCh	58, 76.166, 140.570
Yxy	26.4433, 0.2907, 0.5614
Android (android.graphics.Color)	4278756142 (0xFF08A32E)
YUV	103.3170, -28.2573, -83.5930
Hunter-Lab	51.4230, -42.4678, 27.9630

Details

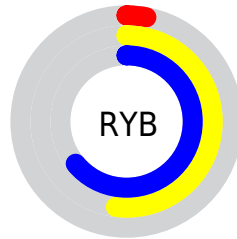
The YUV color **103.3170, -28.2573, -83.5930** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **67.6830, 28.2573, 83.5930**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.6460, -33.8425, -65.4645**, and **64.5700, -31.8330, -56.6279** is the 20% darker color. If you saturate the color by 10%, you get **100.2410, -29.6988, -87.9114**, and if you desaturate by 10%, it is **109.4690, -25.3742, -74.9563**.

Distribution



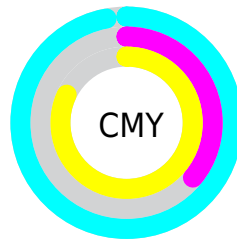
- Red (3%)
- Green (64%)
- Blue (18%)



- Red (3%)
- Yellow (52%)
- Blue (64%)



- Cyan (95%)
- Magenta (0%)
- Yellow (72%)
- Black (36%)



- Cyan (97%)
- Magenta (36%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.3170, -28.2573, -83.5930 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 103.3170, -28.2573, -83.5930 by changing the saturation by 10% instead.

■ 103.3170,
-28.2573, -83.5930

■ 103.3170,
-28.2573, -83.5930

255.0000, 0.0000,
0.0000

■ 81.6560, -32.3684,
-71.6123

■ 167.6460,
-33.8425, -65.4645

■ 64.5700, -31.8330,
-56.6279

■ 196.9020,
-35.4477, -63.9351

■ 49.3080, -24.3088,
-43.2431

■ 212.7600,
-29.9547, -52.4095

■ 34.6330, -17.0741,
-30.3731

■ 224.9220,
-22.1465, -36.7656

■ 21.1320, -10.4181,
-18.5328

■ 237.0840,
-14.3384, -21.1217

■ 0.0000, 0.0000,
0.0000

■ 249.3600, -6.0935,

-5.5777

■ 103.3170,
-28.2573, -83.5930

■ 103.3170,
-28.2573, -83.5930

■ 100.2410,
-29.6988, -87.9114

■ 109.4690,
-25.3742, -74.9563

■ 116.0340,
-22.2018, -65.8048

■ 122.1860,
-19.3187, -57.1681

■ 128.3380,
-16.4356, -48.5314

■ 134.6040,
-13.1158, -39.9947

■ 141.0550,
-10.3801, -30.7432

■ 147.2070, -7.4971,
-22.1065

■ 153.3590, -4.6140,
-13.4698

■ 159.9240, -1.4415,
-4.3183

Harmonies

Analogous

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



126.3110, -62.2713, -0.2727



103.3170, -28.2573, -83.5930



112.5410, 2.1983, -98.6985

Triad

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



103.3170, -28.2573, -83.5930



120.0550, 66.5279, -105.2882



127.3330, -14.4612, 111.9640

Complementary

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



103.3170, -28.2573, -83.5930



67.6830, 28.2573, 83.5930

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.



131.7040, 16.4149, 101.9916



103.3170, -28.2573, -83.5930



131.6700, 60.8017, -41.8066

Square

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



103.3170, -28.2573, -83.5930



125.7310, 57.8136, -110.2661



143.3780, 40.7326, 48.7805



132.2430, -48.4338, 88.3639

Rectangle

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



103.3170, -28.2573, -83.5930



118.3720, 22.0016, -103.8122



143.3780, 40.7326, 48.7805



126.3190, -3.1153, 112.8532

Sweetspot

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



103.3170, -28.2573, -83.5930



188.1040, -11.3903, -33.4172



134.5660, -62.3970, -6.6354



92.7450, -6.7763, -19.9474



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



103.3170, -28.2573, -83.5930



130.3720, -38.6374, -114.3362



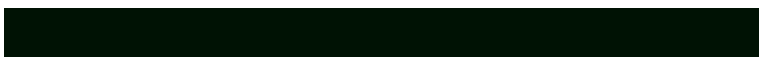
111.9810, 4.9394, -91.1913



78.5110, -1.7309, -4.8331



89.2190, -26.2370, -78.2451



11.0220, -3.4618, -9.6663

Inverse Universe

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



67.6830, 28.2573, 83.5930



81.6280, 38.6374, 114.3362



59.0190, -4.9394, 91.1913



76.4890, 1.7309, 4.8331



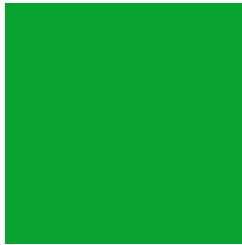
55.8950, 26.6738, 78.1451



6.8640, 3.0250, 9.7663

Previews

White Background



This preview shows how the YUV color 103.3170, -28.2573, -83.5930 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 103.3170, -28.2573, -83.5930 looks on a black 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 × Fail

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

YUV 103.3170, -28.2573, -83.5930 Background



This preview shows how black text looks on a background with the YUV color 103.3170, -28.2573, -83.5930.



This preview shows how white text looks on a background with the YUV color 103.3170, -28.2573, -83.5930.

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

103.3170, -28.2573, -83.5930

Protanopia

133.6830, -46.1857, 20.4490

Deuteranopia

136.2960, -39.0929, 32.1894



Tritanopia

127.9530, 17.7712, -53.4558

Trichromacy



Original Color

103.3170, -28.2573, -83.5930



Protanomaly

122.4610, -39.6673, -17.0673



Deuteranomaly

124.3570, -35.1790, -9.9601



Tritanomaly

119.1200, 0.9268, -64.1262

Monochromacy



Original Color

103.3170, -28.2573, -83.5930



Achromatopsia

103.0000, 0.0000, 0.0000



Achromatomaly

103.0550, -10.3801, -30.7432

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.3170, -28.2573, -83.5930 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(8, 163, 46)` looks like.

```
.text, #text, p{  
    color:rgb(8, 163, 46)  
}
```

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(8, 163, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 163, 46) }
```

Border

The CSS property to change the border of an element to YUV 103.3170, -28.2573, -83.5930 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(8, 163, 46) }
```


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

```
.border{ border-color:rgb(8, 163, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(8, 163, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 163, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(8, 163, 46);  
box-shadow:4px 4px 4px 4px rgb(8, 163, 46)  
}
```

Background

The CSS property to change the background color of an element to YUV 103.3170, -28.2573, -83.5930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 163, 46) }
```

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

```
.background{ background-color: rgb(8, 163,  
46) }
```

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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