

Converting Colors

YUV(82.0230, -11.8433,
-28.0842)

Have a look what the booklet for
YUV(82.0230, -11.8433, -28.0842)
contains.

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Color

**YUV(82.0230, -11.8433,
-28.0842)**

Conversions

Conversions Part 1

Format	Color
Hex	32673A
RGB	50, 103, 58
RGB Percent	20%, 40%, 23%
CMY	0.8039, 0.5961, 0.7725
CMYK	0.51, 0.00, 0.44, 0.60
HSL	129°, 35%, 30%
HSV	129°, 51%, 40%
XYZ	6.9294, 10.6841, 5.7000
YIQ	82.0230, -17.1430, -25.2310

Conversions

Conversions Part 2

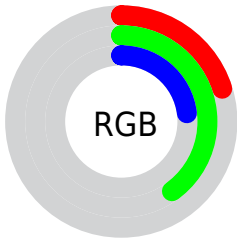
Format	Color
RYB	50, 96, 103
Decimal	3303226
CIELab	39.04, -28.38, 20.08
CIELCh	39, 34.768, 144.712
Yxy	10.6841, 0.2972, 0.4583
Android (android.graphics.Color)	4281493306 (0xFF32673A)
YUV	82.0230, -11.8433, -28.0842
Hunter-Lab	32.6865, -19.3604, 12.5413

Details

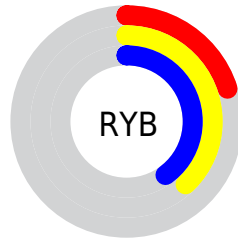
The YUV color **82.0230, -11.8433, -28.0842** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **70.9770, 11.8433, 28.0842**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.9690, -13.2957, -28.9138**, and **33.8810, -9.8013, -29.7136** is the 20% darker color. If you saturate the color by 10%, you get **78.0070, -14.3005, -33.3321**, and if you desaturate by 10%, it is **86.0390, -9.3862, -22.8362**.

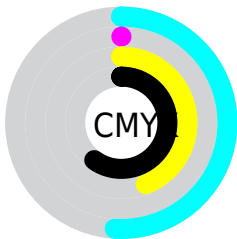
Distribution



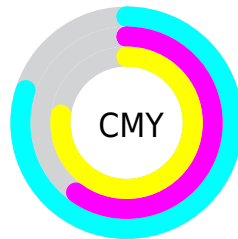
- Red (20%)
- Green (40%)
- Blue (23%)



- Red (20%)
- Yellow (38%)
- Blue (40%)



- Cyan (51%)
- Magenta (0%)
- Yellow (44%)
- Black (60%)



- Cyan (80%)
- Magenta (60%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.0230, -11.8433, -28.0842 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 82.0230, -11.8433, -28.0842 by changing the saturation by 10% instead.

■ 82.0230, -11.8433,
-28.0842

■ 82.0230, -11.8433,
-28.0842

255.0000, 0.0000,
0.0000

■ 57.6530, -10.6749,
-29.5137

■ 132.9690,
-13.2957, -28.9138

■ 33.8810, -9.8013,
-29.7136

■ 159.4420,
-14.0219, -29.3286

■ 19.9580, -9.8393,
-17.5032

■ 186.3280,
-14.4587, -29.2287

■ 0.0000, 0.0000,
0.0000

■ 214.5020,
-15.0375, -30.2583

■ 236.0450,
-11.8542, -24.5955

■ 248.0220, -3.4618,

-9.6663

■ 82.0230, -11.8433,
-28.0842

■ 82.0230, -11.8433,
-28.0842

■ 78.0070, -14.3005,
-33.3321

■ 86.0390, -9.3862,
-22.8362

■ 73.8060, -16.1734,
-39.2949

■ 90.2400, -7.5133,
-16.8735

■ 69.7900, -18.6305,
-44.5428

■ 94.2560, -5.0562,
-11.6255

■ 65.7740, -21.0876,
-49.7908

■ 98.2720, -2.5991,
-6.3775

■ 62.2850, -22.8185,
-54.6239

■ 102.5870, -0.2894,
-0.5148

■ 106.4890, 1.7309,
4.8331

■ 110.5050, 4.1880,
10.0811

■ 114.5210, 6.6451,
15.3291

■ 118.8360, 8.9549,
21.1918

Harmonies

Analogous

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



86.6860, -24.0022, -1.4786



82.0230, -11.8433, -28.0842



72.0260, 6.8892, -63.1668

Triad

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



82.0230, -11.8433, -28.0842



77.4100, 34.8009, -55.6106



91.5390, -10.6187, 46.0083

Complementary

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



82.0230, -11.8433, -28.0842



70.9770, 11.8433, 28.0842

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.



93.2470, 2.3432, 41.8794



82.0230, -11.8433, -28.0842



92.7860, 24.7555, -6.8283

Square

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



82.0230, -11.8433, -28.0842



76.0790, 30.0341, -66.7213



94.7530, 14.9118, 23.8956



90.7970, -22.0849, 37.0120

Rectangle

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



82.0230, -11.8433, -28.0842



74.1920, 15.1883, -65.0664



94.7530, 14.9118, 23.8956



92.2770, -6.5456, 46.2381

Sweetspot

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



82.0230, -11.8433, -28.0842



127.0820, -4.4774, -10.5959



94.5660, -21.9710, 0.3806



63.8590, -2.8885, -6.8923



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



82.0230, -11.8433, -28.0842



101.7900, -18.6305, -44.5428



84.9870, -0.4866, -30.6836



49.0490, -1.0102, -2.6740



69.4430, -25.8544, -60.9015



146.2720, -53.8711, -128.2805

Inverse Universe

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



70.9770, 11.8433, 28.0842



84.3240, 19.0673, 44.4429



68.0130, 0.4866, 30.6836



47.9510, 1.0102, 2.6740



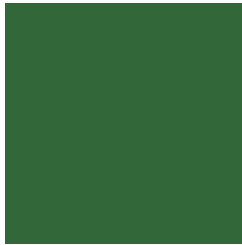
45.4430, 25.4176, 61.0015



95.8420, 54.3079, 128.1806

Previews

White Background



This preview shows how the YUV color 82.0230, -11.8433, -28.0842 looks on a white background.

Color Contrast Check

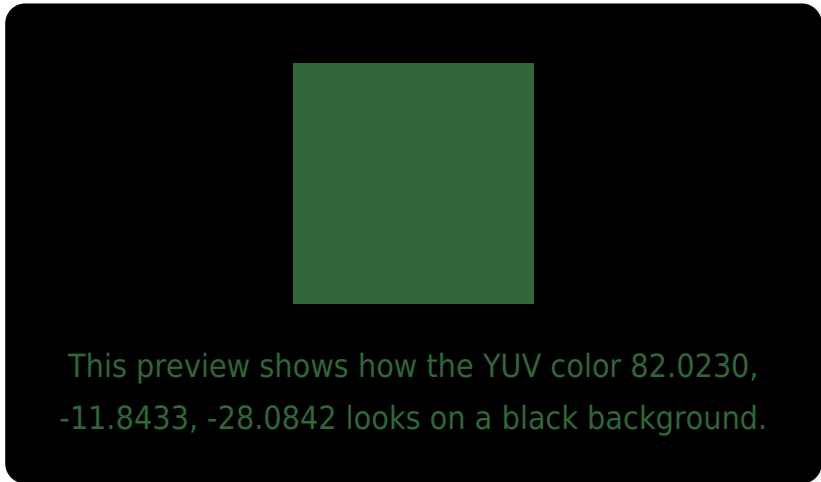
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

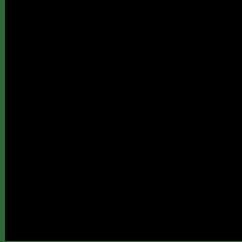
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 82.0230, -11.8433, -28.0842

Background



This preview shows how black text looks on a background with the YUV color 82.0230, -11.8433, -28.0842.



This preview shows how white text looks on a background with the YUV color 82.0230, -11.8433,

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

82.0230, -11.8433, -28.0842

Protanopia

90.0600, -17.7776, 8.7174

Deuteranopia

91.6140, -14.5997, 16.1245



Tritanopia

87.7350, 8.5116, -23.4466

Trichromacy



Original Color

82.0230, -11.8433, -28.0842

Protanomaly

87.1400, -15.8450, -4.5078

Deuteranomaly

87.8570, -13.2405, 0.1254

Tritanomaly

85.7750, 1.0969, -25.2357

Monochromacy



Original Color

82.0230, -11.8433, -28.0842

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

82.0820, -4.4774, -10.5959

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.0230, -11.8433, -28.0842 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(50, 103, 58)` looks like.

```
.text, #text, p{  
    color:rgb(50, 103, 58)  
}
```

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(50, 103, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 103, 58) }
```

Border

The CSS property to change the border of an element to YUV 82.0230, -11.8433, -28.0842 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(50, 103, 58) }
```


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

```
.border{ border-color:rgb(50, 103, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 103, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 103, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 103, 58);  
box-shadow:4px 4px 4px 4px rgb(50, 103,  
58) }
```

Background

The CSS property to change the background color of an element to YUV 82.0230, -11.8433, -28.0842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 103, 58) }
```

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

```
.background{ background-color: rgb(50, 103,  
58) }
```

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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