

Converting Colors

YUV(81.3170, -11.0023,
-17.8180)

Have a look what the booklet for
YUV(81.3170, -11.0023, -17.8180)
contains.

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Color

**YUV(81.3170, -11.0023,
-17.8180)**

Conversions

Conversions Part 1

Format	Color
Hex	3D603B
RGB	61, 96, 59
RGB Percent	24%, 38%, 23%
CMY	0.7608, 0.6235, 0.7686
CMYK	0.36, 0.00, 0.39, 0.62
HSL	117°, 24%, 30%
HSV	117°, 39%, 38%
XYZ	6.8968, 9.6736, 5.6414
YIQ	81.3170, -8.9830, -18.9270

Conversions

Conversions Part 2

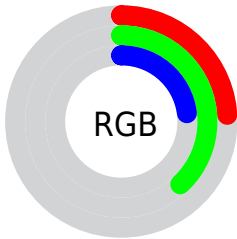
Format	Color
RYB	59, 96, 94
Decimal	4022331
CIELab	37.25, -20.98, 17.25
CIELCh	37, 27.161, 140.570
Yxy	9.6736, 0.3105, 0.4355
Android (android.graphics.Color)	4282212411 (0xFF3D603B)
YUV	81.3170, -11.0023, -17.8180
Hunter-Lab	31.1024, -14.8481, 11.0177

Details

The YUV color **81.3170, -11.0023, -17.8180** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **73.6830, 11.0023, 17.8180**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.3770, -12.0179, -18.7476**, and **34.7730, -9.2551, -18.2179** is the 20% darker color. If you saturate the color by 10%, you get **77.4860, -14.0436, -22.3512**, and if you desaturate by 10%, it is **85.1480, -7.9610, -13.2848**.

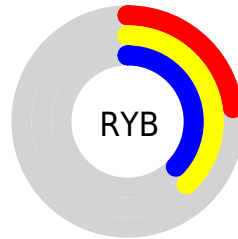
Distribution



Red (24%)

Green (38%)

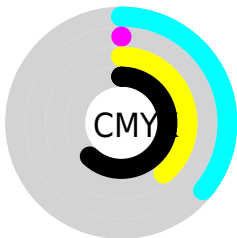
Blue (23%)



Red (23%)

Yellow (38%)

Blue (37%)

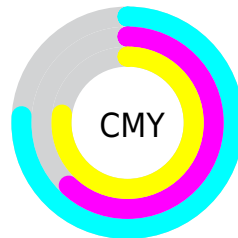


Cyan (36%)

Magenta (0%)

Yellow (39%)

Black (62%)



Cyan (76%)

Magenta (62%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 81.3170, -11.0023, -17.8180 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 81.3170, -11.0023, -17.8180 by changing the saturation by 10% instead.

■ 81.3170, -11.0023,
-17.8180

■ 81.3170, -11.0023,
-17.8180

255.0000, 0.0000,
0.0000

■ 57.8440, -10.2761,
-17.4032

■ 131.3770,
-12.0179, -18.7476

■ 34.7730, -9.2551,
-18.2179

■ 157.8500,
-12.7440, -19.1624

■ 17.0230, -8.3923,
-14.9292

■ 184.4370,
-13.0334, -19.6772

■ 0.0000, 0.0000,
0.0000

■ 212.3230,
-13.4702, -19.5773

■ 239.1490,
-12.8915, -18.5477

■ 250.7130, -4.7885,

-4.1333

■ 81.3170, -11.0023,
-17.8180

■ 81.3170, -11.0023,
-17.8180

■ 77.4860, -14.0436,
-22.3512

■ 85.1480, -7.9610,
-13.2848

■ 73.7690, -16.6481,
-26.9844

■ 88.8650, -5.3564,
-8.6516

■ 69.9380, -19.6894,
-31.5176

■ 92.6960, -2.3151,
-4.1184

■ 66.2210, -22.2940,
-36.1508

■ 96.4130, 0.2894,
0.5148

■ 62.3900, -25.3353,
-40.6840

■ 100.2440, 3.3307,
5.0480

■ 58.5590, -28.3766,
-45.2172

■ 104.0750, 6.3720,
9.5812

■ 57.8470, -28.5186,
-46.3468

■ 108.0910, 8.8291,
14.8292

■ 111.9220, 11.8705,
19.3624

■ 115.6390, 14.4750,
23.9956

Harmonies

Analogous

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



84.3750, -18.9189, 1.4251



81.3170, -11.0023, -17.8180



75.6050, 2.1667, -41.7496

Triad

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



81.3170, -11.0023, -17.8180



80.3000, 24.9951, -37.0971



88.8690, -7.8234, 36.0719

Complementary

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



81.3170, -11.0023, -17.8180



73.6830, 11.0023, 17.8180

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.



89.9960, 2.9600, 30.6985



81.3170, -11.0023, -17.8180



88.2220, 20.1036, -8.0877

Square

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



81.3170, -11.0023, -17.8180



70.7330, 24.7816, -62.0328



90.1280, 12.7549, 15.6737



87.6590, -16.1009, 30.9941

Rectangle

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



81.3170, -11.0023, -17.8180



68.9430, 12.8461, -60.4630



90.1280, 12.7549, 15.6737



89.1940, -4.0396, 35.7869

Sweetspot

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



81.3170, -11.0023, -17.8180



119.1040, -4.4883, -7.1072



90.6080, -15.5827, 4.7288



60.2830, -2.6045, -4.6332



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



81.3170, -11.0023, -17.8180



102.2420, -17.3743, -27.3992



82.5430, -3.7187, -20.6472



46.3480, -1.1576, -2.0592



67.5380, -33.2962, -53.9688



144.7670, -71.3701, -115.5597

Inverse Universe

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



73.6830, 11.0023, 17.8180



90.0570, 17.2269, 28.0140



72.4570, 3.7187, 20.6472



45.6520, 1.1576, 2.0592



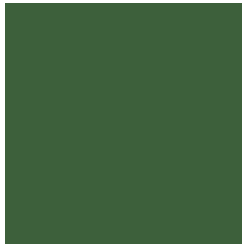
44.4620, 33.2962, 53.9688



95.2330, 71.3701, 115.5597

Previews

White Background



This preview shows how the YUV color 81.3170, -11.0023, -17.8180 looks on a white background.

Color Contrast Check

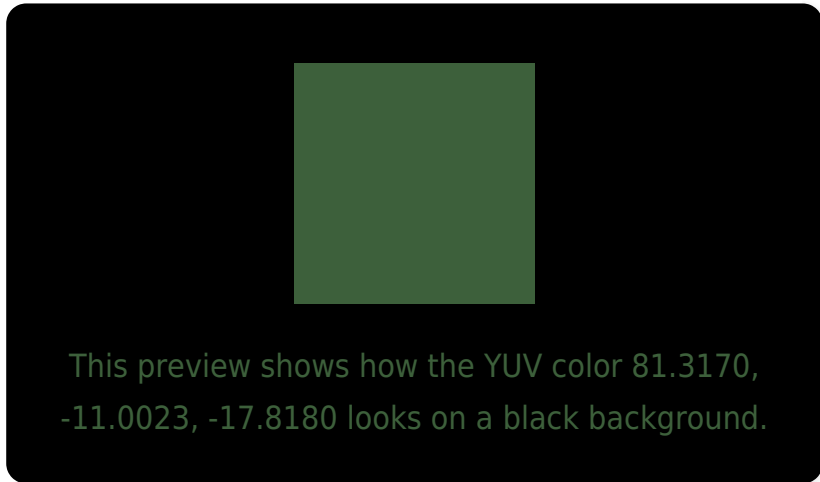
Large Text (above 18pt) WCAG AA ✓ Pass

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 81.3170, -11.0023, -17.8180

Background



This preview shows how black text looks on a background with the YUV color 81.3170, -11.0023, -17.8180.



This preview shows how white text looks on a background with the YUV color 81.3170, -11.0023, -17.8180.

-17.8180.

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

81.3170, -11.0023, -17.8180

Protanopia

85.8580, -14.7200, 8.0175

Deuteranopia

87.4720, -12.5577, 14.4951



Tritanopia

85.0350, 6.8847, -14.9397

Trichromacy



Original Color

81.3170, -11.0023, -17.8180

Protanomaly

84.1450, -13.3825, -1.0042

Deuteranomaly

84.9220, -11.7935, 2.6994

Tritanomaly

83.6020, 0.1962, -16.3140

Monochromacy



Original Color

81.3170, -11.0023, -17.8180

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

80.9300, -3.9095, -6.0776

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.3170, -11.0023, -17.8180 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(61, 96, 59)` looks like.

```
.text, #text, p{  
    color:rgb(61, 96, 59)  
}
```

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(61, 96, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 96, 59) }
```

Border

The CSS property to change the border of an element to YUV 81.3170, -11.0023, -17.8180 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(61, 96, 59) }
```


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

```
.border{ border-color:rgb(61, 96, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 96, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 96, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 96, 59);  
box-shadow:4px 4px 4px 4px rgb(61, 96, 59)  
}
```

Background

The CSS property to change the background color of an element to YUV 81.3170, -11.0023, -17.8180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 96, 59) }
```

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

```
.background{ background-color: rgb(61, 96,  
59) }
```

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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