

Converting Colors

YUV(81.2330, -3.5659, -23.0063)

Have a look what the booklet for
YUV(81.2330, -3.5659, -23.0063)
contains.

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Color

**YUV(81.2330, -3.5659,
-23.0063)**

Conversions

Conversions Part 1

Format	Color
Hex	37604A
RGB	55, 96, 74
RGB Percent	22%, 38%, 29%
CMY	0.7843, 0.6235, 0.7098
CMYK	0.43, 0.00, 0.23, 0.62
HSL	148°, 27%, 30%
HSV	148°, 43%, 38%
XYZ	6.9945, 9.6724, 7.9769
YIQ	81.2330, -17.3740, -15.5340

Conversions

Conversions Part 2

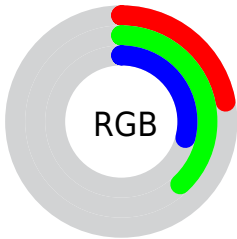
Format	Color
RYB	55, 83, 96
Decimal	3629130
CIELab	37.25, -19.99, 8.12
CIELCh	37, 21.575, 157.891
Yxy	9.6724, 0.2838, 0.3925
Android (android.graphics.Color)	4281819210 (0xFF37604A)
YUV	81.2330, -3.5659, -23.0063
Hunter-Lab	31.1004, -14.2814, 6.5632

Details

The YUV color **81.2330, -3.5659, -23.0063** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **69.7670, 3.5659, 23.0063**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.4070, -4.1447, -24.0359**, and **33.9770, -1.9607, -24.5358** is the 20% darker color. If you saturate the color by 10%, you get **77.6730, -4.2758, -28.6542**, and if you desaturate by 10%, it is **84.7930, -2.8559, -17.3585**.

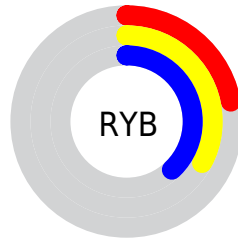
Distribution



Red (22%)

Green (38%)

Blue (29%)



Red (22%)

Yellow (33%)

Blue (38%)

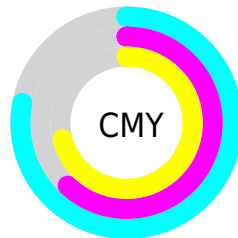


Cyan (43%)

Magenta (0%)

Yellow (23%)

Black (62%)



Cyan (78%)

Magenta (62%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 81.2330, -3.5659, -23.0063 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 81.2330, -3.5659, -23.0063 by changing the saturation by 10% instead.

81.2330, -3.5659,
-23.0063

81.2330, -3.5659,
-23.0063

255.0000, 0.0000,
0.0000

57.3470, -3.1291,
-23.1063

131.4070, -4.1447,
-24.0359

33.9770, -1.9607,
-24.5358

157.8800, -4.8708,
-24.4508

17.7070, -5.7716,
-15.5290

184.5810, -4.7234,
-25.0655

0.0000, 0.0000,
0.0000

212.2820, -4.5760,
-25.6803

239.1080, -3.9972,
-24.6507

250.5150, 2.2111,

-9.2217

■ 81.2330, -3.5659,
-23.0063

■ 81.2330, -3.5659,
-23.0063

■ 77.6730, -4.2758,
-28.6542

■ 84.7930, -2.8559,
-17.3585

■ 74.4120, -5.1331,
-33.6873

■ 88.0540, -1.9986,
-12.3254

■ 70.8520, -5.8430,
-39.3352

■ 91.6140, -1.2887,
-6.6775

■ 67.4770, -7.1372,
-44.2683

■ 94.9890, 0.0054,
-1.7444

■ 63.9170, -7.8471,
-49.9162

■ 98.5490, 0.7153,
3.9035

■ 61.3680, -8.5624,
-53.8197

■ 102.1090, 1.4253,
9.5514

■ 105.3700, 2.2826,
14.5845

■ 108.9300, 2.9925,
20.2324

■ 112.1910, 3.8498,
25.2655

Harmonies

Analogous

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



84.1550, -11.9084, -7.1519



81.2330, -3.5659, -23.0063



77.5930, 7.1027, -38.2311

Triad

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



81.2330, -3.5659, -23.0063



86.7930, 17.3571, -13.8505



88.7170, -10.7065, 27.4352

Complementary

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



81.2330, -3.5659, -23.0063



69.7670, 3.5659, 23.0063

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.



89.1930, -2.5601, 27.8947



81.2330, -3.5659, -23.0063



89.3610, 12.6400, 5.8224

Square

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



81.2330, -3.5659, -23.0063



81.0140, 18.7271, -33.3383



89.9130, 5.4659, 20.2473



87.4080, -15.4841, 19.8132

Rectangle

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



81.2330, -3.5659, -23.0063



75.8570, 13.3815, -45.4786



89.9130, 5.4659, 20.2473



88.9990, -8.3805, 28.0649

Sweetspot

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



81.2330, -3.5659, -23.0063



119.1900, -1.5727, -8.9366



85.9440, -15.2554, -6.9669



60.3260, -1.1467, -5.5479



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.



81.2330, -3.5659, -23.0063



101.9880, -5.4171, -35.9465



83.5130, 5.1701, -25.0059



46.5760, -0.2840, -2.2592



71.6720, -9.6983, -62.8563



153.5340, -20.9693, -134.6493

Inverse Universe

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



69.7670, 3.5659, 23.0063



84.0120, 5.4171, 35.9465



67.4870, -5.1701, 25.0059



45.4240, 0.2840, 2.2592



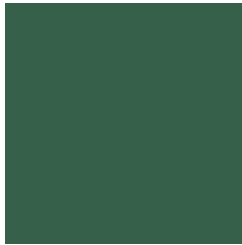
40.3280, 9.6983, 62.8563



86.4660, 20.9693, 134.6493

Previews

White Background



This preview shows how the YUV color 81.2330, -3.5659, -23.0063 looks on a white background.

Color Contrast Check

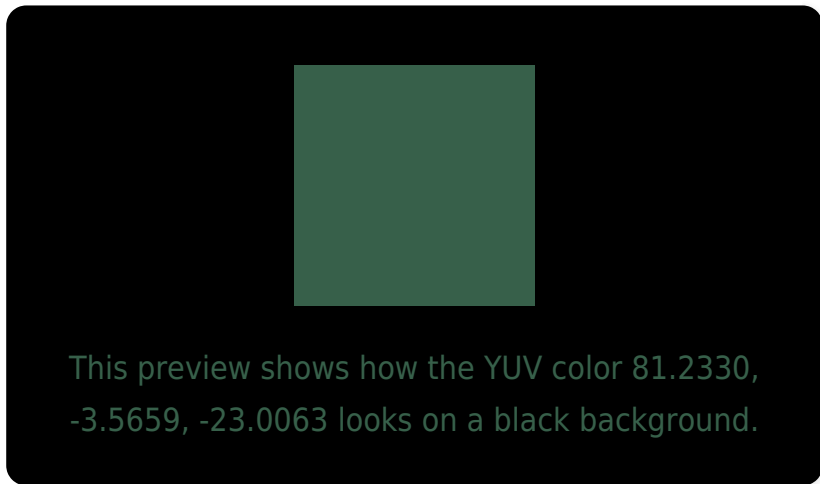
Large Text (above 18pt) WCAG AA ✓ Pass

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

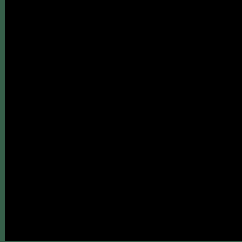
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 81.2330, -3.5659, -23.0063

Background



This preview shows how black text looks on a background with the YUV color 81.2330, -3.5659, -23.0063.



This preview shows how white text looks on a background with the YUV color 81.2330, -3.5659,

-23.0063.

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

81.2330, -3.5659, -23.0063

Protanopia

86.8560, -8.3100, 5.3883

Deuteranopia

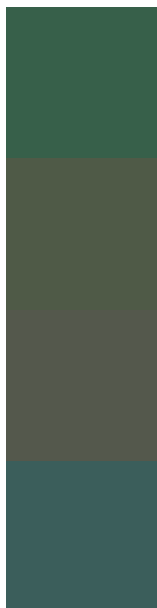
87.9860, -5.4161, 10.5363



Tritanopia

84.2300, 7.7746, -20.3727

Trichromacy



Original Color

81.2330, -3.5659, -23.0063

Protanomaly

84.5450, -6.6777, -4.8630

Deuteranomaly

85.4360, -4.6519, -1.2594

Tritanomaly

83.1930, 3.8489, -21.2173

Monochromacy



Original Color

81.2330, -3.5659, -23.0063

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

80.9020, -1.4307, -7.8071

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.2330, -3.5659, -23.0063 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(55, 96, 74)` looks like.

```
.text, #text, p{  
    color:rgb(55, 96, 74)  
}
```

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(55, 96, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 96, 74) }
```

Border

The CSS property to change the border of an element to YUV 81.2330, -3.5659, -23.0063 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(55, 96, 74) }
```


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

```
.border{ border-color:rgb(55, 96, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 96, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 96, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 96, 74);  
box-shadow:4px 4px 4px 4px rgb(55, 96, 74)  
}
```

Background

The CSS property to change the background color of an element to YUV 81.2330, -3.5659, -23.0063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 96, 74) }
```

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

```
.background{ background-color: rgb(55, 96,  
74) }
```

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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