

Converting Colors

YUV(73.2330, -3.5659, -23.0063)

Have a look what the booklet for
YUV(73.2330, -3.5659, -23.0063)
contains.

YUV(73.2330, -3.5659, -23.0063)	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(73.2330, -3.5659,
-23.0063)**

Conversions

Conversions Part 1

Format	Color
Hex	2F5842
RGB	47, 88, 66
RGB Percent	18%, 35%, 26%
CMY	0.8157, 0.6549, 0.7412
CMYK	0.47, 0.00, 0.25, 0.65
HSL	148°, 30%, 26%
HSV	148°, 47%, 35%
XYZ	5.6454, 7.9771, 6.3965
YIQ	73.2330, -17.3740, -15.5340

Conversions

Conversions Part 2

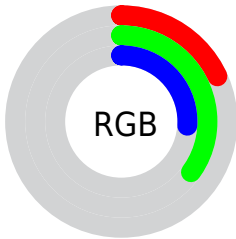
Format	Color
R_{YB}	47, 75, 88
Decimal	3102786
CIE _{Lab}	33.94, -20.15, 8.35
CIE _{LCh}	34, 21.814, 157.502
Yxy	7.9771, 0.2820, 0.3985
Android (android.graphics.Color)	4281292866 (0xFF2F5842)
YUV	73.2330, -3.5659, -23.0063
Hunter-Lab	28.2438, -13.7480, 6.3431




Details

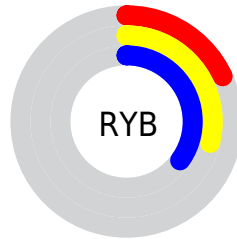
The YUV color **73.2330, -3.5659, -23.0063** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **61.7670, 3.5659, 23.0063**, and the grayscale version is **73.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **122.4070, -4.1447, -24.0359**, and **27.2760, -2.1081, -23.9211** is the 20% darker color. If you saturate the color by 10%, you get **69.9720, -4.4232, -28.0394**, and if you desaturate by 10%, it is **76.4940, -2.7085, -17.9732**.

Distribution







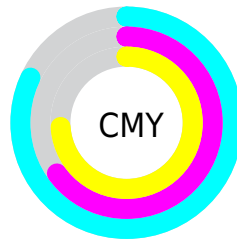
-  Red (18%)
-  Green (35%)
-  Blue (26%)






-  Red (18%)
-  Yellow (29%)
-  Blue (35%)



-  Cyan (47%)
-  Magenta (0%)
-  Yellow (25%)
-  Black (65%)



-  Cyan (82%)
-  Magenta (65%)
-  Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 73.2330, -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 73.2330, -3.5659, -23.0063 by changing the saturation by 10% instead.

■ 73.2330, -3.5659,
-23.0063

■ 73.2330, -3.5659,
-23.0063

■ 255.0000, 0.0000,
0.0000

■ 49.4610, -2.6923,
-23.2063

■ 122.4070, -4.1447,
-24.0359

■ 27.2760, -2.1081,
-23.9211

■ 148.8800, -4.8708,
-24.4508

■ 12.9140, -6.3666,
-11.3256

■ 175.5810, -4.7234,
-25.0655

■ 0.0000, 0.0000,
0.0000

■ 203.1680, -5.0128,
-25.5803

■ 231.1680, -5.0128,
-25.5803

■ 246.8410, 1.0644,

-14.7696

■ 73.2330, -3.5659,
-23.0063

■ 73.2330, -3.5659,
-23.0063

■ 69.9720, -4.4232,
-28.0394

■ 76.4940, -2.7085,
-17.9732

■ 66.8250, -4.8437,
-33.1725

■ 79.6410, -2.2880,
-12.8402

■ 63.8630, -5.8485,
-37.5909

■ 82.6030, -1.2833,
-8.4218

■ 60.6020, -6.7058,
-42.6240

■ 85.8640, -0.4260,
-3.3887

■ 57.3410, -7.5631,
-47.6571

■ 89.1250, 0.4314,
1.6444

■ 56.3300, -7.5577,
-49.4014

■ 92.2720, 0.8519,
6.7775

■ 95.5330, 1.7092,
11.8106

■ 98.4950, 2.7140,
16.2289

■ 101.6420, 3.1345,
21.3620

Harmonies

Analogous

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



76.1550, -11.9084, -7.1519



73.2330, -3.5659, -23.0063



68.6960, 7.5449, -40.0754

Triad

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



73.2330, -3.5659, -23.0063



78.4940, 17.5045, -14.4652



80.8310, -10.2697, 27.3352

Complementary

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



73.2330, -3.5659, -23.0063



61.7670, 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.



81.1930, -2.5601, 27.8947



73.2330, -3.5659, -23.0063



81.6490, 12.4980, 4.6928

Square

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



73.2330, -3.5659, -23.0063



72.1170, 19.1693, -35.1826



81.9130, 5.4659, 20.2473



79.4080, -15.4841, 19.8132

Rectangle

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



73.2330, -3.5659, -23.0063



65.1660, 14.7082, -51.0116



81.9130, 5.4659, 20.2473



81.1130, -7.9437, 27.9649

Sweetspot

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



73.2330, -3.5659, -23.0063



109.1900, -1.5727, -8.9366



77.9440, -15.2554, -6.9669



55.3260, -1.1467, -5.5479



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



73.2330, -3.5659, -23.0063



91.5750, -5.7065, -36.4613



75.5130, 5.1701, -25.0059



41.5760, -0.2840, -2.2592



68.5090, -9.1249, -60.0824



150.3710, -20.3959, -131.8754

Inverse Universe

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



61.7670, 3.5659, 23.0063



73.4250, 5.7065, 36.4613



59.4870, -5.1701, 25.0059



40.4240, 0.2840, 2.2592



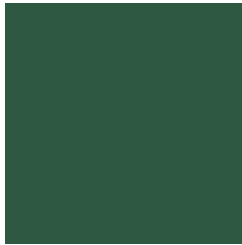
38.4910, 9.1249, 60.0824



84.6290, 20.3959, 131.8754

Previews

White Background



This preview shows how the YUV color 73.2330, -3.5659, -23.0063 looks on a white background.

Color Contrast Check

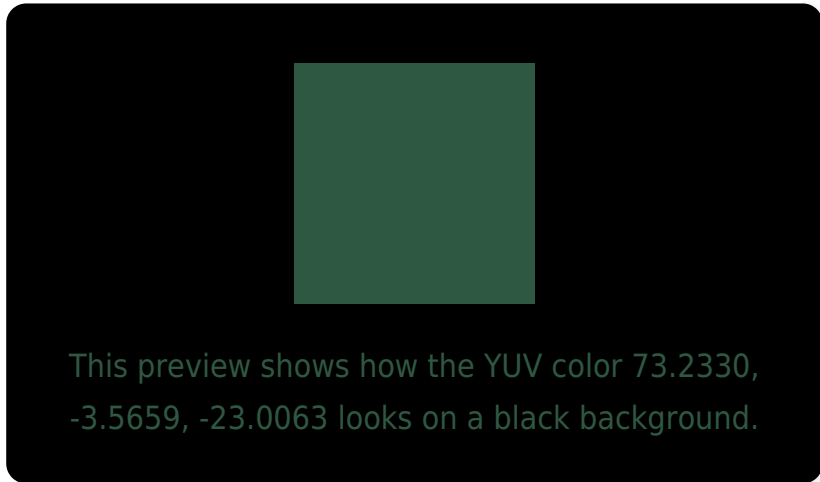
Large Text (above 18pt) WCAG AA ✓ Pass

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

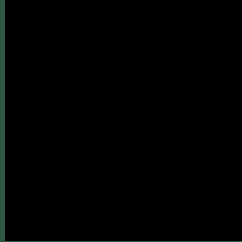
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 73.2330, -3.5659, -23.0063

Background



This preview shows how black text looks on a background with the YUV color 73.2330, -3.5659, -23.0063.



This preview shows how white text looks on a background with the YUV color 73.2330, -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

73.2330, -3.5659, -23.0063

Protanopia

78.8560, -8.3100, 5.3883

Deuteranopia

80.1600, -5.9949, 9.5067



Tritanopia

76.1160, 7.3378, -20.2727

Trichromacy



Original Color

73.2330, -3.5659, -23.0063

Protanomaly

76.5450, -6.6777, -4.8630

Deuteranomaly

77.6100, -5.2307, -2.2890

Tritanomaly

75.0790, 3.4121, -21.1173

Monochromacy



Original Color

73.2330, -3.5659, -23.0063

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

72.9020, -1.4307, -7.8071

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.2330, -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(47, 88, 66)` looks like.

```
.text, #text, p{  
    color:rgb(47, 88, 66)  
}
```

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(47, 88, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 88, 66) }
```

Border

The CSS property to change the border of an element to YUV 73.2330, -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(47, 88, 66) }
```


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

```
.border{ border-color:rgb(47, 88, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 88, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 88, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 88, 66);  
box-shadow:4px 4px 4px 4px rgb(47, 88, 66)  
}
```

Background

The CSS property to change the background color of an element to YUV 73.2330, -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(47, 88, 66) }
```

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

```
.background{ background-color: rgb(47, 88,  
66) }
```

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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