

Converting Colors

YUV(71.3090, -2.1243, -18.6880)

Have a look what the booklet for
YUV(71.3090, -2.1243, -18.6880)
contains.

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Color

**YUV(71.3090, -2.1243,
-18.6880)**

Conversions

Conversions Part 1

Format	Color
Hex	325343
RGB	50, 83, 67
RGB Percent	20%, 33%, 26%
CMY	0.8039, 0.6745, 0.7373
CMYK	0.40, 0.00, 0.19, 0.67
HSL	151°, 25%, 26%
HSV	151°, 40%, 33%
XYZ	5.4218, 7.2699, 6.4277
YIQ	71.3090, -14.5320, -11.9720

Conversions

Conversions Part 2

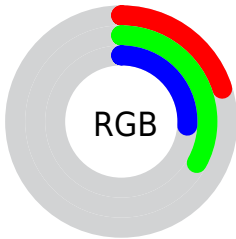
Format	Color
RYB	50, 72, 83
Decimal	3298115
CIELab	32.41, -16.21, 5.60
CIELCh	32, 17.145, 160.945
Yxy	7.2699, 0.2836, 0.3802
Android (android.graphics.Color)	4281488195 (0xFF325343)
YUV	71.3090, -2.1243, -18.6880
Hunter-Lab	26.9627, -11.2912, 4.7397

Details

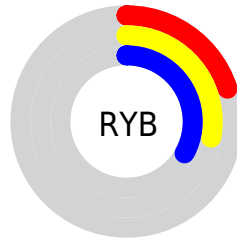
The YUV color **71.3090, -2.1243, -18.6880** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **61.6910, 2.1243, 18.6880**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **120.4830, -2.7031, -19.7176**, and **26.5370, -1.2507, -18.8879** is the 20% darker color. If you saturate the color by 10%, you get **68.4610, -2.6923, -23.2063**, and if you desaturate by 10%, it is **74.1570, -1.5564, -14.1697**.

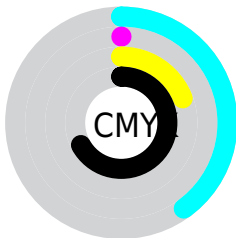
Distribution



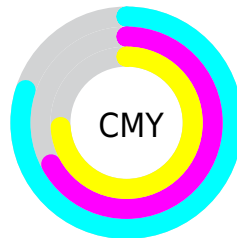
- Red (20%)
- Green (33%)
- Blue (26%)



- Red (20%)
- Yellow (28%)
- Blue (33%)



- Cyan (40%)
- Magenta (0%)
- Yellow (19%)
- Black (67%)



- Cyan (80%)
- Magenta (67%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.3090, -2.1243, -18.6880 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 71.3090, -2.1243, -18.6880 by changing the saturation by 10% instead.

71.3090, -2.1243,
-18.6880

71.3090, -2.1243,
-18.6880

255.0000, 0.0000,
0.0000

48.4230, -1.6875,
-18.7880

120.4830, -2.7031,
-19.7176

26.5370, -1.2507,
-18.8879

146.0700, -2.9925,
-20.2324

9.3920, -4.6303,
-8.2368

172.7710, -2.8451,
-20.8472

0.0000, 0.0000,
0.0000

200.3580, -3.1345,
-21.3620

228.3580, -3.1345,
-21.3620

247.6670, 1.6432,

-13.7400

■ 71.3090, -2.1243,
-18.6880

■ 71.3090, -2.1243,
-18.6880

■ 68.4610, -2.6923,
-23.2063

■ 74.1570, -1.5564,
-14.1697

■ 65.3140, -3.1128,
-28.3394

■ 77.3040, -1.1359,
-9.0366

■ 62.4660, -3.6807,
-32.8577

■ 80.1520, -0.5679,
-4.5183

■ 59.6180, -4.2487,
-37.3760

■ 83.0000, 0.0000,
0.0000

■ 56.4710, -4.6692,
-42.5091

■ 85.8480, 0.5679,
4.5183

■ 53.6230, -5.2371,
-47.0274

■ 88.9950, 0.9885,
9.6514

■ 91.8430, 1.5564,
14.1697

■ 94.6910, 2.1243,
18.6880

■ 97.8380, 2.5449,
23.8211

Harmonies

Analogous

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



73.6650, -8.7088, -6.7222



71.3090, -2.1243, -18.6880



69.3060, 5.7651, -29.2094

Triad

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



71.3090, -2.1243, -18.6880



76.0880, 13.2676, -8.8472



76.8410, -8.7956, 21.1874

Complementary

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



71.3090, -2.1243, -18.6880



61.6910, 2.1243, 18.6880

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.



77.7470, -2.8333, 22.1469



71.3090, -2.1243, -18.6880



77.8510, 9.4405, 5.3927

Square

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



71.3090, -2.1243, -18.6880



72.2280, 14.1846, -23.0020



78.0220, 3.4402, 16.6437



75.8850, -12.2683, 15.0099

Rectangle

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



71.3090, -2.1243, -18.6880



68.5490, 10.5753, -32.0535



78.0220, 3.4402, 16.6437



77.3080, -7.0538, 22.5319

Sweetspot

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



71.3090, -2.1243, -18.6880



102.4290, -0.7045, -7.3922



74.1550, -11.9084, -7.1519



51.1520, -0.5679, -4.5183



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



71.3090, -2.1243, -18.6880



88.9010, -3.4022, -28.8542



73.1330, 4.8644, -20.2876



39.5760, -0.2840, -2.2592



67.7910, -6.7990, -59.4527



149.8640, -14.7230, -131.4307

Inverse Universe

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



61.6910, 2.1243, 18.6880



74.0990, 3.4022, 28.8542



59.8670, -4.8644, 20.2876



38.4240, 0.2840, 2.2592



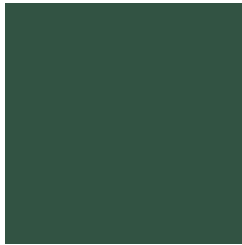
37.2090, 6.7990, 59.4527



82.2500, 15.1597, 131.3307

Previews

White Background



This preview shows how the YUV color 71.3090, -2.1243, -18.6880 looks on a white background.

Color Contrast Check

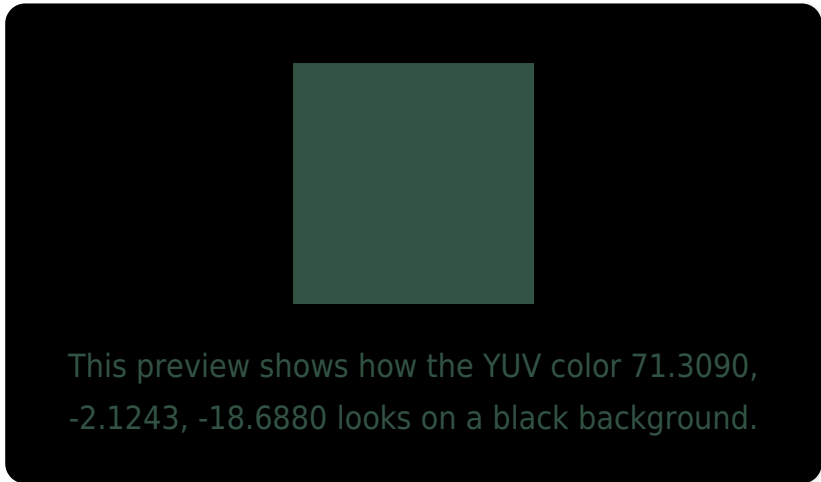
Large Text (above 18pt) WCAG AA ✓ Pass

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

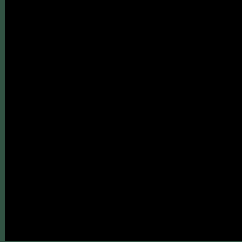
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 71.3090, -2.1243, -18.6880

Background



This preview shows how black text looks on a background with the YUV color 71.3090, -2.1243, -18.6880.



This preview shows how white text looks on a background with the YUV color 71.3090, -2.1243,

-18.6880.

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

71.3090, -2.1243, -18.6880

Protanopia

75.7140, -6.2680, 3.7588

Deuteranopia

76.4310, -3.6635, 8.3920



Tritanopia

73.3230, 6.7428, -16.0693

Trichromacy



Original Color

71.3090, -2.1243, -18.6880

Protanomaly

74.3000, -5.0779, -4.6481

Deuteranomaly

74.7780, -3.3416, -1.5593

Tritanomaly

72.5140, 3.6906, -17.1138

Monochromacy



Original Color

71.3090, -2.1243, -18.6880

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

70.8420, -0.4151, -6.8774

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.3090, -2.1243, -18.6880 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, 83, 67)` looks like.

```
.text, #text, p{  
    color:rgb(50, 83, 67)  
}
```

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, 83, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 83, 67) }
```

Border

The CSS property to change the border of an element to YUV 71.3090, -2.1243, -18.6880 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, 83, 67) }
```


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

```
.border{ border-color:rgb(50, 83, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 83, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 83, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 83, 67);  
box-shadow:4px 4px 4px 4px rgb(50, 83, 67)  
}
```

Background

The CSS property to change the background color of an element to YUV 71.3090, -2.1243, -18.6880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 83, 67) }
```

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

```
.background{ background-color: rgb(50, 83,  
67) }
```

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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