

Converting Colors

YUV(71.4240, 13.5950,
-20.5428)

Have a look what the booklet for
YUV(71.4240, 13.5950, -20.5428)
contains.

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Color

**YUV(71.4240, 13.5950,
-20.5428)**

Conversions

Conversions Part 1

Format	Color
Hex	304E63
RGB	48, 78, 99
RGB Percent	19%, 31%, 39%
CMY	0.8118, 0.6941, 0.6118
CMYK	0.52, 0.21, 0.00, 0.61
HSL	205°, 35%, 29%
HSV	205°, 52%, 39%
XYZ	6.1954, 6.9780, 12.8247
YIQ	71.4240, -24.6210, 0.1710

Conversions

Conversions Part 2

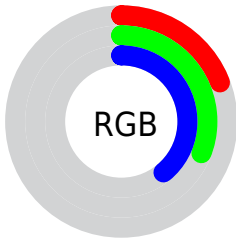
Format	Color
RYB	48, 67, 99
Decimal	3165795
CIELab	31.76, -4.62, -15.70
CIElCh	32, 16.365, 253.589
Yxy	6.9780, 0.2383, 0.2684
Android (android.graphics.Color)	4281355875 (0xFF304E63)
YUV	71.4240, 13.5950, -20.5428
Hunter-Lab	26.4159, -4.3635, -10.2937

Details

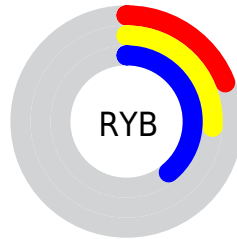
The YUV color **71.4240, 13.5950, -20.5428** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **75.5760, -13.5950, 20.5428**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **120.9510, 14.3212, -20.1280**, and **25.8860, 12.8742, -22.7020** is the 20% darker color. If you saturate the color by 10%, you get **66.0860, 16.2266, -24.6314**, and if you desaturate by 10%, it is **76.7620, 10.9633, -16.4543**.

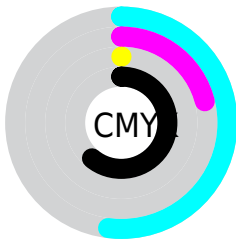
Distribution



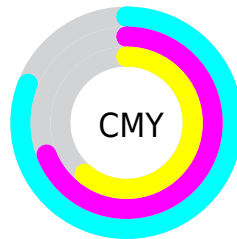
- Red (19%)
- Green (31%)
- Blue (39%)



- Red (19%)
- Yellow (26%)
- Blue (39%)



- Cyan (52%)
- Magenta (21%)
- Yellow (0%)
- Black (61%)



- Cyan (81%)
- Magenta (69%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.4240, 13.5950, -20.5428 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 71.4240, 13.5950, -20.5428 by changing the saturation by 10% instead.

■ 71.4240, 13.5950,
-20.5428

■ 71.4240, 13.5950,
-20.5428

■ 255.0000, 0.0000,
0.0000

■ 47.7120, 13.4530,
-21.6724

■ 120.9510, 14.3212,
-20.1280

■ 25.8860, 12.8742,
-22.7020

■ 146.7660, 14.9054,
-20.8428

■ 10.5780, 10.0680,
-9.2769

■ 173.7660, 14.9054,
-20.8428

■ 0.4560, 1.7472,
-0.3999

■ 200.8800, 15.3422,
-20.9428

■ 0.0000, 0.0000,
0.0000

■ 228.3100, 13.1582,
-20.4429

■ 248.4220, 3.2430,

-13.5251

■ 71.4240, 13.5950,
-20.5428

■ 71.4240, 13.5950,
-20.5428

■ 66.0860, 16.2266,
-24.6314

■ 76.7620, 10.9633,
-16.4543

■ 60.7480, 18.8582,
-28.7200

■ 82.1000, 8.3317,
-12.3657

■ 55.4100, 21.4899,
-32.8086

■ 87.4380, 5.7001,
-8.2771

■ 50.0720, 24.1215,
-36.8971

■ 92.7760, 3.0684,
-4.1886

■ 45.3320, 26.4583,
-39.7562

■ 98.1140, 0.4368,
-0.1000

■ 103.1530, -2.0474,
3.3738

■ 109.0780, -4.9685,
6.9476

■ 114.4160, -7.6001,
11.0362

■ 119.7540,
-10.2317, 15.1247

Harmonies

Analogous

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



68.5000, 11.5855, -29.3795



71.4240, 13.5950, -20.5428



74.7570, 11.9518, -6.8029

Triad

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



71.4240, 13.5950, -20.5428



75.9210, -3.4121, 21.1173



71.5940, -7.6878, -7.5369

Complementary

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



71.4240, 13.5950, -20.5428



75.5760, -13.5950, 20.5428

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.



73.6340, -11.6516, 3.8290



71.4240, 13.5950, -20.5428



75.2430, -8.5008, 19.9579

Square

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



71.4240, 13.5950, -20.5428



76.7940, 2.5666, 16.8437



74.2870, -11.9735, 13.7803



69.8360, -1.3981, -18.2732

Rectangle

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



71.4240, 13.5950, -20.5428



76.2420, 9.7407, 2.4188



74.2870, -11.9735, 13.7803



72.1600, -9.4459, -3.6483

Sweetspot

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



71.4240, 13.5950, -20.5428



117.3240, 5.2633, -8.1771



80.2170, -6.0230, -28.2543



57.4770, 3.2158, -4.8033



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.



71.4240, 13.5950, -20.5428



84.7090, 21.3425, -32.1938



56.7490, 20.8297, -7.6729



45.6300, 1.1684, -1.4295



51.5100, 29.8216, -45.1743



110.1270, 64.0274, -96.5814

Inverse Universe

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



66.6690, 5.5862, 28.3543



77.2780, 8.7369, 44.4832



90.2510, -20.8297, 7.6729



45.4240, 0.2840, 2.2592



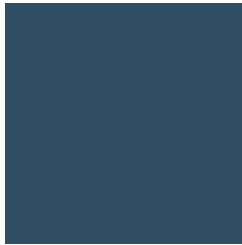
41.0120, 12.3191, 62.2565



87.8340, 26.2108, 133.4496

Previews

White Background



This preview shows how the YUV color 71.4240, 13.5950, -20.5428 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



This preview shows how the YUV color 71.4240, 13.5950, -20.5428 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

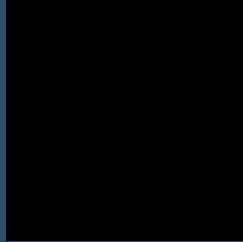
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

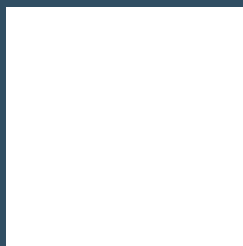
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 71.4240, 13.5950, -20.5428

Background



This preview shows how black text looks on a background with the YUV color 71.4240, 13.5950, -20.5428.



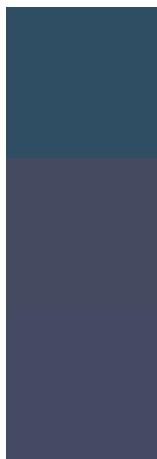
This preview shows how white text looks on a background with the YUV color 71.4240, 13.5950,

-20.5428.

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

71.4240, 13.5950, -20.5428

Protanopia

75.0130, 10.3466, -5.2734

Deuteranopia

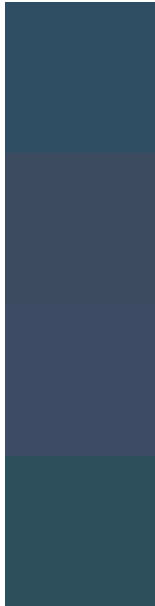
74.5830, 12.5306, -5.7733



Tritanopia

70.0340, 8.3642, -22.8318

Trichromacy



Original Color

71.4240, 13.5950, -20.5428

Protanomaly

73.3220, 11.6733, -10.8064

Deuteranomaly

73.6640, 12.9836, -11.1063

Tritanomaly

70.2020, 10.2534, -22.1022

Monochromacy



Original Color

71.4240, 13.5950, -20.5428

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

71.5090, 4.6791, -7.4624

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.4240, 13.5950, -20.5428 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(48, 78, 99)` looks like.

```
.text, #text, p{  
    color:rgb(48, 78, 99)  
}
```

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(48, 78, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 78, 99) }
```

Border

The CSS property to change the border of an element to YUV 71.4240, 13.5950, -20.5428 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(48, 78, 99) }
```


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

```
.border{ border-color:rgb(48, 78, 99) }
```

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

Here you see how a box with a 4 pixel rgb(48, 78, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 78, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 78, 99);  
box-shadow:4px 4px 4px 4px rgb(48, 78, 99)  
}
```

Background

The CSS property to change the background color of an element to YUV 71.4240, 13.5950, -20.5428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 78, 99) }
```

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

```
.background{ background-color: rgb(48, 78,  
99) }
```

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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