

Converting Colors

YUV(70.1310, 14.7254, -9.7619)

Have a look what the booklet for
YUV(70.1310, 14.7254, -9.7619)
contains.

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Color

**YUV(70.1310, 14.7254,
-9.7619)**

Conversions

Conversions Part 1

Format	Color
Hex	3B4664
RGB	59, 70, 100
RGB Percent	23%, 27%, 39%
CMY	0.7686, 0.7255, 0.6078
CMYK	0.41, 0.30, 0.00, 0.61
HSL	224°, 26%, 31%
HSV	224°, 41%, 39%
XYZ	6.2940, 6.2302, 12.9274
YIQ	70.1310, -16.1860, 6.9980

Conversions

Conversions Part 2

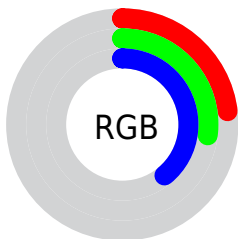
Format	Color
R_{YB}	59, 68, 100
Decimal	3884644
CIE _{Lab}	29.99, 4.07, -19.01
CIE _{LCh}	30, 19.443, 282.086
Yxy	6.2302, 0.2473, 0.2448
Android (android.graphics.Color)	4282074724 (0xFF3B4664)
YUV	70.1310, 14.7254, -9.7619
Hunter-Lab	24.9604, 1.3300, -13.2350

Details

The YUV color **70.1310, 14.7254, -9.7619** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **88.8690, -14.7254, 9.7619**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.7720, 15.8884, -9.4470**, and **25.4790, 13.5679, -11.8211** is the 20% darker color. If you saturate the color by 10%, you get **63.0320, 18.2252, -12.3061**, and if you desaturate by 10%, it is **77.2300, 11.2256, -7.2177**.

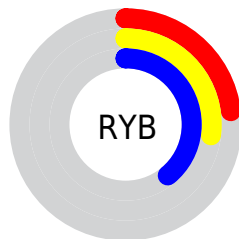
Distribution



Red (23%)

Green (27%)

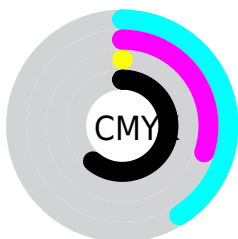
Blue (39%)



Red (23%)

Yellow (27%)

Blue (39%)

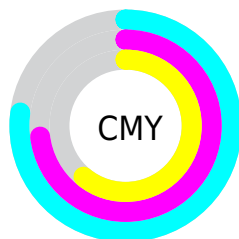


Cyan (41%)

Magenta (30%)

Yellow (0%)

Black (61%)



Cyan (77%)

Magenta (73%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.1310, 14.7254, -9.7619 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 70.1310, 14.7254, -9.7619 by changing the saturation by 10% instead.

70.1310, 14.7254,
-9.7619

70.1310, 14.7254,
-9.7619

255.0000, 0.0000,
0.0000

47.6040, 13.9992,
-10.1767

118.7720, 15.8884,
-9.4470

25.4790, 13.5679,
-11.8211

144.8860, 16.3252,
-9.5470

3.6480, 13.9775,
-3.1993

171.0000, 16.7620,
-9.6470

0.4560, 1.7472,
-0.3999

198.5270, 17.4882,
-9.2322

0.0000, 0.0000,
0.0000

225.4300, 14.5780,
-9.1471

251.1240, 1.9109,

-6.2477

■ 70.1310, 14.7254,
-9.7619

■ 70.1310, 14.7254,
-9.7619

■ 63.0320, 18.2252,
-12.3061

■ 77.2300, 11.2256,
-7.2177

■ 55.3460, 22.0144,
-14.3354

■ 84.9160, 7.4364,
-5.1883

■ 48.2470, 25.5142,
-16.8796

■ 92.0150, 3.9366,
-2.6442

■ 41.1480, 29.0140,
-19.4238

■ 99.1140, 0.4368,
-0.1000

■ 33.4620, 32.8032,
-21.4532

■ 106.8000, -3.3524,
1.9294

■ 27.2490, 35.8662,
-23.8974

■ 113.8990, -6.8522,
4.4736

■ 120.9980,
-10.3520, 7.0178

■ 128.6840,
-14.1412, 9.0471

■ 135.7830,
-17.6410, 11.5913

Harmonies

Analogous

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



65.4770, 16.5268, -27.6053



70.1310, 14.7254, -9.7619



72.6770, 10.0192, 6.4223

Triad

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



70.1310, 14.7254, -9.7619



71.5100, -10.1114, 23.2317



64.4010, -1.6767, -22.2767

Complementary

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



70.1310, 14.7254, -9.7619



88.8690, -14.7254, 9.7619

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.



67.4260, -9.5770, -8.2666



70.1310, 14.7254, -9.7619



70.7280, -14.1629, 16.0245

Square

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



70.1310, 14.7254, -9.7619



71.9430, -3.4229, 24.6060



69.3630, -13.9830, 4.9436



60.7180, 7.5340, -36.5867

Rectangle

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



70.1310, 14.7254, -9.7619



72.7060, 6.0609, 16.0438



69.3630, -13.9830, 4.9436



65.3370, -4.6031, -16.9585

Sweetspot

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



70.1310, 14.7254, -9.7619



118.7590, 5.5418, -4.1736



86.3730, 0.8021, -24.0061



59.7870, 3.0630, -2.4442



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



70.1310, 14.7254, -9.7619



83.2750, 23.0354, -15.1502



66.3650, 16.5821, 1.4339



47.1570, 1.8946, -1.0147



31.3070, 41.2606, -27.4562



65.7430, 86.8947, -57.6566

Inverse Universe

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



72.5130, -1.2389, 24.1061



87.0740, -2.0085, 37.6461



92.6350, -16.5821, -1.4339



47.6090, -0.3002, 2.9739



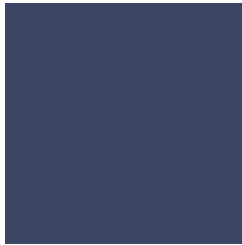
37.9190, -3.4111, 67.6000



79.7680, -7.2806, 142.2775

Previews

White Background



This preview shows how the YUV color 70.1310, 14.7254, -9.7619 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 70.1310, 14.7254, -9.7619 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 70.1310, 14.7254, -9.7619

Background



This preview shows how black text looks on a background with the YUV color 70.1310, 14.7254, -9.7619.



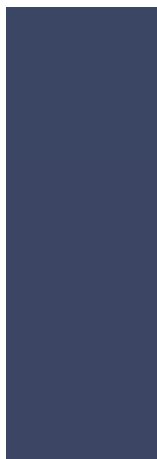
This preview shows how white text looks on a background with the YUV color 70.1310, 14.7254,

-9.7619.

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

70.1310, 14.7254, -9.7619

Protanopia

70.1420, 14.7200, -8.0175

Deuteranopia

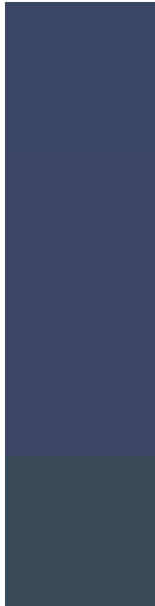
70.4300, 14.5780, -9.1471



Tritanopia

68.7040, 5.5689, -12.8954

Trichromacy



Original Color

70.1310, 14.7254, -9.7619

Protanomaly

69.8430, 14.8674, -8.6323

Deuteranomaly

70.4300, 14.5780, -9.1471

Tritanomaly

69.5130, 8.6211, -11.8509

Monochromacy



Original Color

70.1310, 14.7254, -9.7619

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

70.0580, 5.3944, -3.5589

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.1310, 14.7254, -9.7619 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(59, 70, 100)` looks like.

```
.text, #text, p{  
    color:rgb(59, 70, 100)  
}
```

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(59, 70, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 70, 100) }
```

Border

The CSS property to change the border of an element to YUV 70.1310, 14.7254, -9.7619 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(59, 70, 100) }
```


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

```
.border{ border-color:rgb(59, 70, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 70, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 70, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 70, 100);  
box-shadow:4px 4px 4px 4px rgb(59, 70,  
100) }
```

Background

The CSS property to change the background color of an element to YUV 70.1310, 14.7254, -9.7619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 70, 100) }
```

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

```
.background{ background-color: rgb(59, 70,  
100) }
```

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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