

Converting Colors

YUV(70.3610, 9.1890, -7.3326)

Have a look what the booklet for
YUV(70.3610, 9.1890, -7.3326)
contains.

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Color

**YUV(70.3610, 9.1890,
-7.3326)**

Conversions

Conversions Part 1

Format	Color
Hex	3E4759
RGB	62, 71, 89
RGB Percent	24%, 28%, 35%
CMY	0.7569, 0.7216, 0.6510
CMYK	0.30, 0.20, 0.00, 0.65
HSL	220°, 18%, 30%
HSV	220°, 30%, 35%
XYZ	6.0430, 6.2519, 10.3394
YIQ	70.3610, -11.1420, 3.6900

Conversions

Conversions Part 2

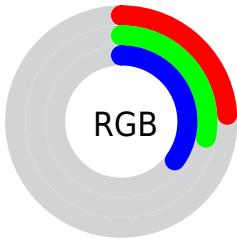
Format	Color
RYB	62, 69, 89
Decimal	4081497
CIELab	30.04, 1.12, -11.87
CIElCh	30, 11.919, 275.371
Yxy	6.2519, 0.2670, 0.2762
Android (android.graphics.Color)	4282271577 (0xFF3E4759)
YUV	70.3610, 9.1890, -7.3326
Hunter-Lab	25.0038, -0.6159, -7.0147

Details

The YUV color **70.3610, 9.1890, -7.3326** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **80.6390, -9.1890, 7.3326**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.5890, 10.0626, -7.5326**, and **26.7200, 8.0260, -7.6474** is the 20% darker color. If you saturate the color by 10%, you get **64.1480, 12.2520, -9.7768**, and if you desaturate by 10%, it is **76.5740, 6.1260, -4.8884**.

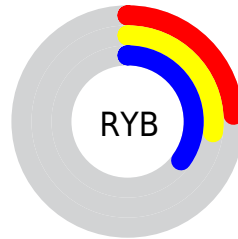
Distribution



Red (24%)

Green (28%)

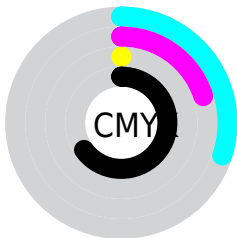
Blue (35%)



Red (24%)

Yellow (27%)

Blue (35%)

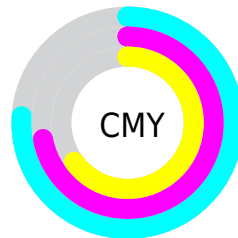


Cyan (30%)

Magenta (20%)

Yellow (0%)

Black (65%)



Cyan (76%)

Magenta (72%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.3610, 9.1890, -7.3326 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 70.3610, 9.1890, -7.3326 by changing the saturation by 10% instead.

70.3610, 9.1890,
-7.3326

70.3610, 9.1890,
-7.3326

255.0000, 0.0000,
0.0000

48.2470, 8.7522,
-7.2326

118.5890, 10.0626,
-7.5326

26.7200, 8.0260,
-7.6474

144.5890, 10.0626,
-7.5326

2.6220, 10.0464,
-2.2995

170.7030, 10.4994,
-7.6325

0.0000, 0.0000,
0.0000

198.4040, 10.6468,
-8.2473

226.5180, 11.0836,
-8.3473

252.3090, 1.3267,

-5.5330

■ 70.3610, 9.1890,
-7.3326

■ 70.3610, 9.1890,
-7.3326

■ 64.1480, 12.2520,
-9.7768

■ 76.5740, 6.1260,
-4.8884

■ 57.9350, 15.3150,
-12.2210

■ 82.7870, 3.0630,
-2.4442

■ 51.7220, 18.3781,
-14.6652

■ 89.0000, 0.0000,
0.0000

■ 45.5090, 21.4411,
-17.1094

■ 95.2130, -3.0630,
2.4442

■ 39.5950, 24.3567,
-18.9388

■ 101.1270, -5.9786,
4.2736

■ 33.3820, 27.4197,
-21.3830

■ 107.3400, -9.0416,
6.7178

■ 27.7560, 30.1933,
-24.3420

■ 113.5530,
-12.1046, 9.1620

■ 119.1790,
-14.8782, 12.1210

■ 125.3920,
-17.9413, 14.5652

Harmonies

Analogous

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



68.6050, 9.0687, -15.4396



70.3610, 9.1890, -7.3326



71.8460, 6.9779, 1.8891

Triad

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



70.3610, 9.1890, -7.3326



71.6060, -5.7218, 15.2545



67.6520, -2.2934, -11.0958

Complementary

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



70.3610, 9.1890, -7.3326



80.6390, -9.1890, 7.3326

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.



68.8550, -6.8305, -2.5038



70.3610, 9.1890, -7.3326



71.1880, -8.4737, 11.2361

Square

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



70.3610, 9.1890, -7.3326



72.0450, -1.5012, 14.8695



70.3290, -9.0362, 4.9735



66.8730, 2.5276, -17.4286

Rectangle

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



70.3610, 9.1890, -7.3326



72.1950, 4.3409, 7.7220



70.3290, -9.0362, 4.9735



68.5060, -4.1935, -8.3368

Sweetspot

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



70.3610, 9.1890, -7.3326



107.6020, 3.6472, -3.1590



79.9010, 0.0488, -15.6992



53.9720, 2.4788, -1.7294



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.



70.3610, 9.1890, -7.3326



86.0060, 14.2940, -11.4063



66.2740, 11.2039, -0.2403



40.0430, 1.4578, -0.9147



33.3300, 36.3193, -29.2304



72.5760, 80.0750, -63.6492

Inverse Universe

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



71.0990, -0.0488, 15.6992



87.1540, -0.0759, 24.4209



84.7260, -11.2039, 0.2403



40.3100, -0.1528, 2.3591



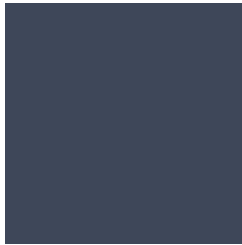
36.0970, -0.0478, 62.1819



79.1570, -0.5704, 136.6743

Previews

White Background



This preview shows how the YUV color 70.3610, 9.1890, -7.3326 looks on a white background.

Color Contrast Check

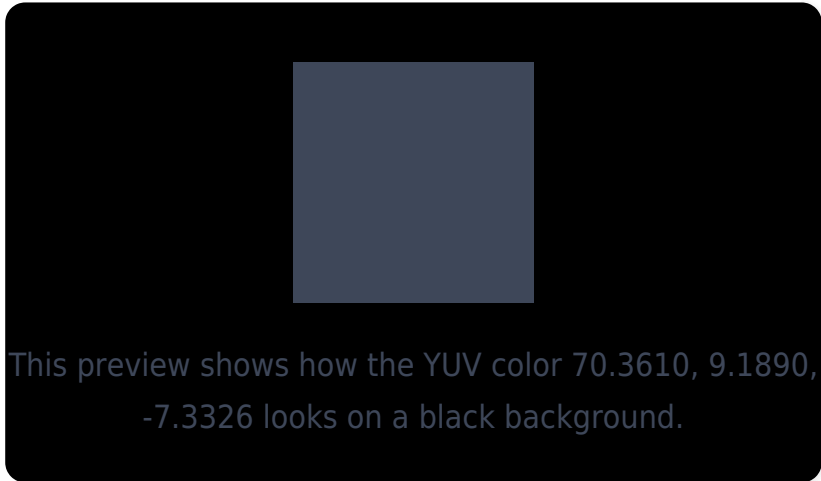
Large Text (above 18pt) WCAG AA ✓ Pass

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

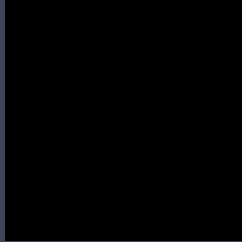
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

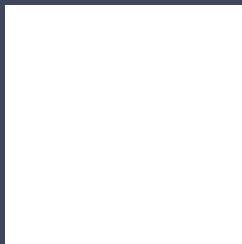
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 70.3610, 9.1890, -7.3326

Background



This preview shows how black text looks on a background with the YUV color 70.3610, 9.1890, -7.3326.



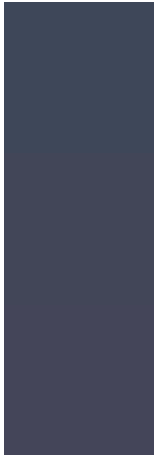
This preview shows how white text looks on a background with the YUV color 70.3610, 9.1890,

-7.3326.

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

70.3610, 9.1890, -7.3326

Protanopia

70.8560, 8.4520, -4.2587

Deuteranopia

70.9810, 8.8834, -2.6143



Tritanopia

69.7970, 4.5371, -8.5920

Trichromacy



Original Color

70.3610, 9.1890, -7.3326

Protanomaly

70.5570, 8.5994, -4.8735

Deuteranomaly

70.9700, 8.8888, -4.3587

Tritanomaly

69.9650, 6.4263, -7.8623

Monochromacy



Original Color

70.3610, 9.1890, -7.3326

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

69.9010, 3.4998, -2.5442

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.3610, 9.1890, -7.3326 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(62, 71, 89)` looks like.

```
.text, #text, p{  
    color:rgb(62, 71, 89)  
}
```

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(62, 71, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 71, 89) }
```

Border

The CSS property to change the border of an element to YUV 70.3610, 9.1890, -7.3326 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(62, 71, 89) }
```


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

```
.border{ border-color:rgb(62, 71, 89) }
```

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

Here you see how a box with a 4 pixel rgb(62, 71, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 71, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 71, 89);  
box-shadow:4px 4px 4px 4px rgb(62, 71, 89)  
}
```

Background

The CSS property to change the background color of an element to YUV 70.3610, 9.1890, -7.3326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 71, 89) }
```

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

```
.background{ background-color: rgb(62, 71,  
89) }
```

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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