

Converting Colors

YUV(70.1760, 9.7732, -8.0474)

Have a look what the booklet for
YUV(70.1760, 9.7732, -8.0474)
contains.

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Color

**YUV(70.1760, 9.7732,
-8.0474)**

Conversions

Conversions Part 1

Format	Color
Hex	3D475A
RGB	61, 71, 90
RGB Percent	24%, 28%, 35%
CMY	0.7608, 0.7216, 0.6471
CMYK	0.32, 0.21, 0.00, 0.65
HSL	219°, 19%, 30%
HSV	219°, 32%, 35%
XYZ	6.0232, 6.2368, 10.5592
YIQ	70.1760, -12.0590, 3.7890

Conversions

Conversions Part 2

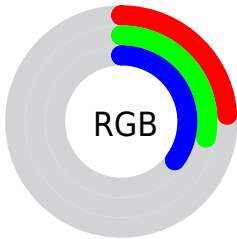
Format	Color
RYB	61, 68, 90
Decimal	4015962
CIELab	30.00, 1.06, -12.57
CIELCh	30, 12.617, 274.806
Yxy	6.2368, 0.2640, 0.2733
Android (android.graphics.Color)	4282206042 (0xFF3D475A)
YUV	70.1760, 9.7732, -8.0474
Hunter-Lab	24.9735, -0.6526, -7.5874

Details

The YUV color **70.1760, 9.7732, -8.0474** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **80.8240, -9.7732, 8.0474**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.4040, 10.6468, -8.2473**, and **26.5350, 8.6102, -8.3622** is the 20% darker color. If you saturate the color by 10%, you get **63.9630, 12.8362, -10.4916**, and if you desaturate by 10%, it is **76.3890, 6.7102, -5.6032**.

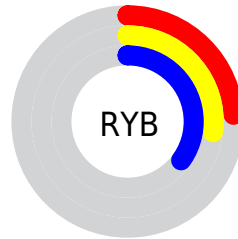
Distribution



 Red (24%)

 Green (28%)

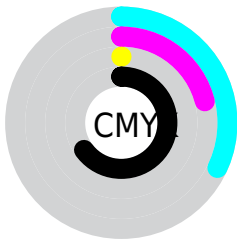
 Blue (35%)



 Red (24%)

 Yellow (27%)

 Blue (35%)

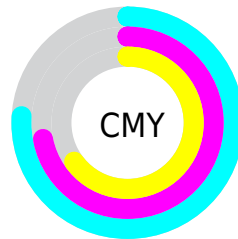


 Cyan (32%)

 Magenta (21%)

 Yellow (0%)

 Black (65%)



 Cyan (76%)

 Magenta (72%)

 Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.1760, 9.7732, -8.0474 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 70.1760, 9.7732, -8.0474 by changing the saturation by 10% instead.

■ 70.1760, 9.7732,
-8.0474

■ 70.1760, 9.7732,
-8.0474

■ 255.0000, 0.0000,
0.0000

■ 47.7630, 9.4838,
-8.5622

■ 118.4040, 10.6468,
-8.2473

■ 26.5350, 8.6102,
-8.3622

■ 144.4040, 10.6468,
-8.2473

■ 2.7360, 10.4832,
-2.3995

■ 170.6320, 11.5204,
-8.4473

■ 0.0000, 0.0000,
0.0000

■ 198.3330, 11.6678,
-9.0620

■ 226.3330, 11.6678,
-9.0620

■ 252.0100, 1.4741,

-6.1478

■ 70.1760, 9.7732,
-8.0474

■ 70.1760, 9.7732,
-8.0474

■ 63.9630, 12.8362,
-10.4916

■ 76.3890, 6.7102,
-5.6032

■ 57.7500, 15.8993,
-12.9357

■ 82.6020, 3.6472,
-3.1590

■ 51.5370, 18.9623,
-15.3799

■ 88.8150, 0.5842,
-0.7148

■ 45.3240, 22.0253,
-17.8241

■ 95.0280, -2.4788,
1.7294

■ 39.6980, 24.7989,
-20.7831

■ 100.6540, -5.2524,
4.6884

■ 33.4850, 27.8619,
-23.2273

■ 106.8670, -8.3154,
7.1326

■ 28.4570, 30.3407,
-24.9568

■ 113.0800,
-11.3784, 9.5768

■ 119.2930,
-14.4414, 12.0210

■ 125.5060,
-17.5045, 14.4652

Harmonies

Analogous

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



68.1210, 9.8003, -16.7691



70.1760, 9.7732, -8.0474



71.9600, 7.4147, 1.7891

Triad

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



70.1760, 9.7732, -8.0474



71.9050, -5.8692, 15.8693



67.2390, -2.5828, -11.6106

Complementary

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



70.1760, 9.7732, -8.0474



80.8240, -9.7732, 8.0474

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.



68.7410, -7.2673, -2.4039



70.1760, 9.7732, -8.0474



70.7860, -8.7685, 12.4657

Square

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



70.1760, 9.7732, -8.0474



72.3440, -1.6486, 15.4843



70.2150, -9.4730, 5.0734



66.2750, 2.8224, -18.6582

Rectangle

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



70.1760, 9.7732, -8.0474



72.6080, 4.6303, 8.2368



70.2150, -9.4730, 5.0734



68.0930, -4.4828, -8.8516

Sweetspot

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



70.1760, 9.7732, -8.0474



109.6020, 3.6472, -3.1590



80.1890, -0.0932, -16.8288



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.



70.1760, 9.7732, -8.0474



85.9350, 15.3150, -12.2210



65.5020, 12.0775, -0.4403



42.7440, 1.6052, -1.5295



34.8460, 37.0509, -30.5599



75.1520, 79.7911, -65.9083

Inverse Universe

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



70.8110, 0.0932, 16.8288



87.1650, -0.0813, 26.1653



85.4980, -12.0775, 0.4403



42.7230, 0.1366, 2.8739



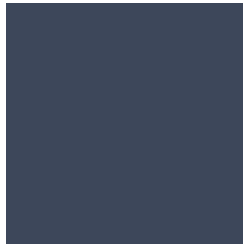
37.2220, 0.3836, 63.8263



80.2110, 0.8820, 137.5040

Previews

White Background



This preview shows how the YUV color 70.1760, 9.7732, -8.0474 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 70.1760, 9.7732, -8.0474 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

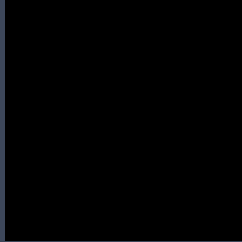
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

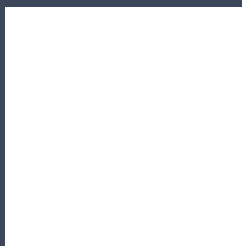
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 70.1760, 9.7732, -8.0474

Background



This preview shows how black text looks on a background with the YUV color 70.1760, 9.7732, -8.0474.



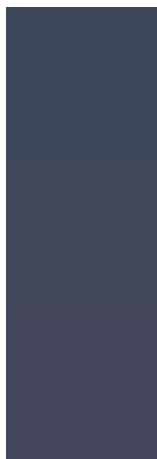
This preview shows how white text looks on a background with the YUV color 70.1760, 9.7732, -8.0474.

-8.0474.

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

70.1760, 9.7732, -8.0474

Protanopia

70.9700, 8.8888, -4.3587

Deuteranopia

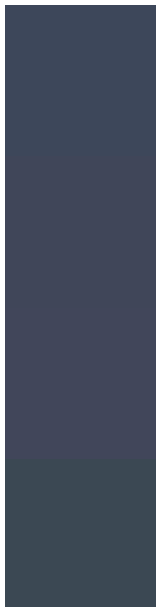
70.7960, 9.4676, -3.3291



Tritanopia

69.1990, 4.8319, -9.8215

Trichromacy



Original Color

70.1760, 9.7732, -8.0474

Protanomaly

70.3720, 9.1836, -5.5882

Deuteranomaly

70.7850, 9.4730, -5.0734

Tritanomaly

69.3670, 6.7211, -9.0919

Monochromacy



Original Color

70.1760, 9.7732, -8.0474

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 70.1760, 9.7732, -8.0474 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(61, 71, 90)` looks like.

```
.text, #text, p{  
    color:rgb(61, 71, 90)  
}
```

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(61, 71, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 71, 90) }
```

Border

The CSS property to change the border of an element to YUV 70.1760, 9.7732, -8.0474 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(61, 71, 90) }
```


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

```
.border{ border-color:rgb(61, 71, 90) }
```

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

Here you see how a box with a 4 pixel rgb(61, 71, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 71, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 71, 90);  
box-shadow:4px 4px 4px 4px rgb(61, 71, 90)  
}
```

Background

The CSS property to change the background color of an element to YUV 70.1760, 9.7732, -8.0474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 71, 90) }
```

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

```
.background{ background-color: rgb(61, 71,  
90) }
```

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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