

Converting Colors

YUV(78.1200, 14.7308,
-11.5062)

Have a look what the booklet for
YUV(78.1200, 14.7308, -11.5062)
contains.

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Color

**YUV(78.1200, 14.7308,
-11.5062)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 414F6C |
| RGB | 65, 79, 108 |
| RGB Percent | 25%, 31%, 42% |
| CMY | 0.7451, 0.6902, 0.5765 |
| CMYK | 0.40, 0.27, 0.00, 0.58 |
| HSL | 220°, 25%, 34% |
| HSV | 220°, 40%, 42% |
| XYZ | 7.6827, 7.7985, 15.2877 |
| YIQ | 78.1200, -17.6530, 6.0510 |

Conversions

Conversions Part 2

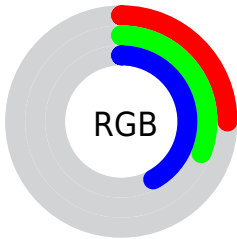
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 65, 76, 108 |
| Decimal | 4280172 |
| CIELab | 33.56, 2.57, -18.50 |
| CIElCh | 34, 18.680, 277.901 |
| Yxy | 7.7985, 0.2497, 0.2535 |
| Android (android.graphics.Color) | 4282470252 (0xFF414F6C) |
| YUV | 78.1200, 14.7308, -11.5062 |
| Hunter-Lab | 27.9258, 0.2375, -12.9097 |

Details

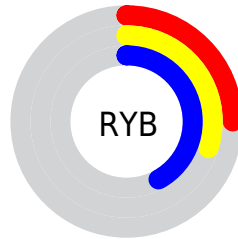
The YUV color **78.1200, 14.7308, -11.5062** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **94.8800, -14.7308, 11.5062**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.7610, 15.8938, -11.1914**, and **32.7670, 13.4259, -12.9507** is the 20% darker color. If you saturate the color by 10%, you get **70.7220, 18.3781, -14.6652**, and if you desaturate by 10%, it is **85.5180, 11.0836, -8.3473**.

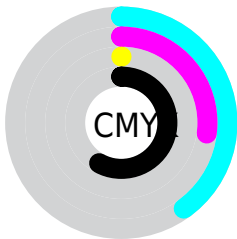
Distribution



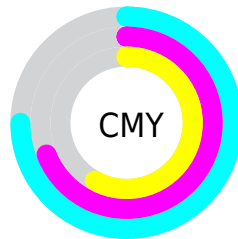
- Red (25%)
- Green (31%)
- Blue (42%)



- Red (25%)
- Yellow (30%)
- Blue (42%)



- Cyan (40%)
- Magenta (27%)
- Yellow (0%)
- Black (58%)



- Cyan (75%)
- Magenta (69%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 78.1200, 14.7308, -11.5062 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 78.1200, 14.7308, -11.5062 by changing the saturation by 10% instead.

■ 78.1200, 14.7308,
-11.5062

■ 78.1200, 14.7308,
-11.5062

■ 255.0000, 0.0000,
0.0000

■ 54.7070, 14.4414,
-12.0210

■ 127.7610, 15.8938,
-11.1914

■ 32.7670, 13.4259,
-12.9507

■ 153.5760, 16.4780,
-11.9062

■ 12.0770, 13.2730,
-10.5915

■ 180.5760, 16.4780,
-11.9062

■ 2.5250, 7.1362,
-2.2144

■ 208.1030, 17.2042,
-11.4913

■ 0.0000, 0.0000,
0.0000

■ 234.2790, 10.2155,
-9.8917

■ 254.1030, 0.4422,

-1.8443

■ 78.1200, 14.7308,
-11.5062

■ 78.1200, 14.7308,
-11.5062

■ 70.7220, 18.3781,
-14.6652

■ 85.5180, 11.0836,
-8.3473

■ 62.7370, 22.3147,
-17.3093

■ 93.5030, 7.1470,
-5.7031

■ 55.6380, 25.8145,
-19.8535

■ 100.6020, 3.6472,
-3.1590

■ 48.2400, 29.4617,
-23.0125

■ 108.0000, 0.0000,
0.0000

■ 40.8420, 33.1089,
-26.1714

■ 115.3980, -3.6472,
3.1590

■ 32.8570, 37.0455,
-28.8156

■ 123.3830, -7.5838,
5.8031

■ 130.7810,
-11.2310, 8.9621

■ 137.8800,
-14.7308, 11.5062

■ 145.8650,
-18.6674, 14.1504

Harmonies

Analogous

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



73.6620, 15.9426, -26.8906



78.1200, 14.7308, -11.5062



80.7800, 10.4615, 4.5779

Triad

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



78.1200, 14.7308, -11.5062



80.0370, -9.3852, 23.6466



73.6680, -3.2873, -19.0028

Complementary

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



78.1200, 14.7308, -11.5062



94.8800, -14.7308, 11.5062

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.



75.6220, -10.1666, -5.8075



78.1200, 14.7308, -11.5062



78.6680, -13.1473, 16.9542

Square

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



78.1200, 14.7308, -11.5062



80.7580, -2.8387, 23.8912



77.3740, -13.9884, 6.6880



70.8820, 5.4812, -31.4685

Rectangle

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



78.1200, 14.7308, -11.5062



81.5100, 6.6506, 13.5847



77.3740, -13.9884, 6.6880



74.1200, -5.4822, -15.0142

Sweetspot

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



78.1200, 14.7308, -11.5062



128.4600, 5.6892, -4.7884



93.5470, 0.2233, -25.0357



64.4880, 3.2104, -3.0590



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



78.1200, 14.7308, -11.5062



93.5520, 22.8989, -18.0241



71.9950, 17.7505, 0.0044



49.8580, 2.0420, -1.6295



35.6440, 40.1085, -31.2598



74.8900, 83.8642, -65.6785

Inverse Universe

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



79.4530, -0.2233, 25.0357



95.5410, -0.2667, 38.9905



101.0050, -17.7505, -0.0044



50.0220, -0.0108, 3.4887



39.3150, -0.6483, 68.1297



82.3750, -1.1709, 142.6221

Previews

White Background



This preview shows how the YUV color 78.1200, 14.7308, -11.5062 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 78.1200, 14.7308, -11.5062 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

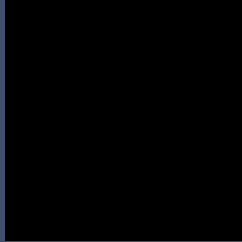
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

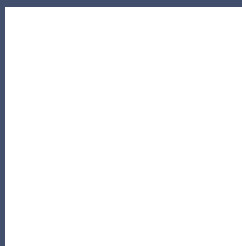
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 78.1200, 14.7308, -11.5062

Background



This preview shows how black text looks on a background with the YUV color 78.1200, 14.7308, -11.5062.



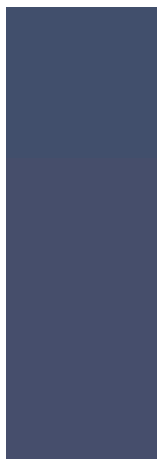
This preview shows how white text looks on a background with the YUV color 78.1200, 14.7308,

-11.5062.

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

78.1200, 14.7308, -11.5062

Protanopia

78.9140, 13.8464, -7.8176

Deuteranopia

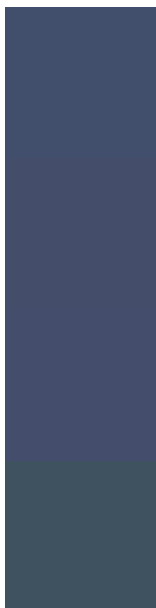
79.0280, 14.2832, -7.9176



Tritanopia

76.8070, 6.0111, -14.7397

Trichromacy



Original Color

78.1200, 14.7308, -11.5062

Protanomaly

78.3160, 14.1412, -9.0471

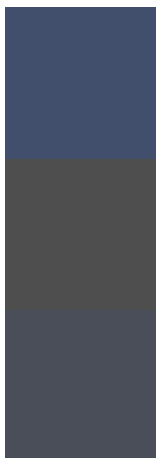
Deuteranomaly

78.4300, 14.5780, -9.1471

Tritanomaly

77.6160, 9.0633, -13.6952

Monochromacy



Original Color

78.1200, 14.7308, -11.5062

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

77.7590, 5.5418, -4.1736

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.1200, 14.7308, -11.5062 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(65, 79, 108)` looks like.

```
.text, #text, p{  
    color:rgb(65, 79, 108)  
}
```

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(65, 79, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 79, 108) }
```

Border

The CSS property to change the border of an element to YUV 78.1200, 14.7308, -11.5062 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(65, 79, 108) }
```


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

```
.border{ border-color:rgb(65, 79, 108) }
```

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

Here you see how a box with a 4 pixel rgb(65, 79, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 79, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 79, 108);  
box-shadow:4px 4px 4px 4px rgb(65, 79,  
108) }
```

Background

The CSS property to change the background color of an element to YUV 78.1200, 14.7308, -11.5062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 79, 108) }
```

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

```
.background{ background-color: rgb(65, 79,  
108) }
```

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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