

Converting Colors

YUV(78.8750, 16.3306,
-11.2914)

Have a look what the booklet for
YUV(78.8750, 16.3306, -11.2914)
contains.

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Color

**YUV(78.8750, 16.3306,
-11.2914)**

Conversions

Conversions Part 1

Format	Color
Hex	424F70
RGB	66, 79, 112
RGB Percent	26%, 31%, 44%
CMY	0.7412, 0.6902, 0.5608
CMYK	0.41, 0.29, 0.00, 0.56
HSL	223°, 26%, 35%
HSV	223°, 41%, 44%
XYZ	7.9674, 7.9201, 16.4380
YIQ	78.8750, -18.3410, 7.5070

Conversions

Conversions Part 2

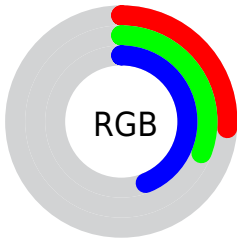
Format	Color
R_{YB}	66, 76, 112
Decimal	4345712
CIE _{Lab}	33.82, 4.10, -20.60
CIE _{LCh}	34, 21.009, 281.256
Yxy	7.9201, 0.2465, 0.2450
Android (android.graphics.Color)	4282535792 (0xFF424F70)
YUV	78.8750, 16.3306, -11.2914
Hunter-Lab	28.1426, 1.2851, -14.9313

Details

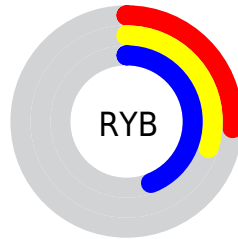
The YUV color **78.8750, 16.3306, -11.2914** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **99.1250, -16.3306, 11.2914**, and the grayscale version is **79.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.5160, 17.4936, -10.9765**, and **33.2230, 15.1731, -13.3506** is the 20% darker color. If you saturate the color by 10%, you get **70.8900, 20.2672, -13.9355**, and if you desaturate by 10%, it is **86.8600, 12.3940, -8.6472**.

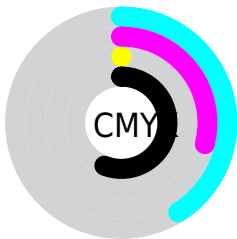
Distribution



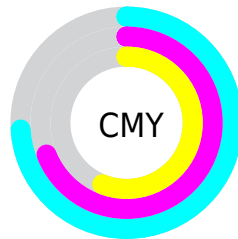
- Red (26%)
- Green (31%)
- Blue (44%)



- Red (26%)
- Yellow (30%)
- Blue (44%)



- Cyan (41%)
- Magenta (29%)
- Yellow (0%)
- Black (56%)



- Cyan (74%)
- Magenta (69%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 78.8750, 16.3306, -11.2914 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 78.8750, 16.3306, -11.2914 by changing the saturation by 10% instead.

■ 78.8750, 16.3306,
-11.2914

■ 78.8750, 16.3306,
-11.2914

255.0000, 0.0000,
0.0000

■ 55.3480, 15.6044,
-11.7062

■ 128.5160, 17.4936,
-10.9765

■ 33.2230, 15.1731,
-13.3506

■ 154.6300, 17.9304,
-11.0765

■ 12.4190, 14.5834,
-10.8915

■ 181.7440, 18.3672,
-11.1765

■ 2.9810, 8.8834,
-2.6143

■ 208.8580, 18.8040,
-11.2765

■ 0.0000, 0.0000,
0.0000

■ 234.8770, 9.9206,
-8.6621

254.4020, 0.2948,

-1.2296

■ 78.8750, 16.3306,
-11.2914

■ 78.8750, 16.3306,
-11.2914

■ 70.8900, 20.2672,
-13.9355

■ 86.8600, 12.3940,
-8.6472

■ 62.9050, 24.2038,
-16.5797

■ 94.8450, 8.4574,
-6.0031

■ 54.6210, 28.2878,
-19.8386

■ 103.1290, 4.3734,
-2.7441

■ 46.6360, 32.2245,
-22.4828

■ 111.1140, 0.4368,
-0.1000

■ 38.6510, 36.1611,
-25.1269

■ 119.0990, -3.4998,
2.5442

■ 31.5520, 39.6609,
-27.6711

■ 127.0840, -7.4364,
5.1883

■ 135.0690,
-11.3730, 7.8325

■ 143.3530,
-15.4570, 11.0914

■ 151.3380,
-19.3936, 13.7356

Harmonies

Analogous

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



73.3240, 18.5743, -30.9791



78.8750, 16.3306, -11.2914



81.7310, 11.4716, 7.2519

Triad

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



78.8750, 16.3306, -11.2914



80.5920, -11.1379, 25.7908



73.1620, -2.5449, -23.8211

Complementary

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



78.8750, 16.3306, -11.2914



99.1250, -16.3306, 11.2914

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.



75.7850, -10.7400, -8.5814



78.8750, 16.3306, -11.2914



79.3970, -15.4787, 18.0688

Square

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



78.8750, 16.3306, -11.2914



81.2530, -3.5757, 26.9651



77.9070, -15.7302, 5.3436



69.1090, 7.8343, -39.5606

Rectangle

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



78.8750, 16.3306, -11.2914



81.6460, 7.0765, 16.9735



77.9070, -15.7302, 5.3436



74.0980, -5.4713, -18.5029

Sweetspot

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



78.8750, 16.3306, -11.2914



132.8730, 5.9786, -4.2736



96.7640, 1.1023, -26.9800



66.9010, 3.4998, -2.5442



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



78.8750, 16.3306, -11.2914



93.8340, 25.2248, -17.3944



74.2340, 18.6186, 1.5488



51.8580, 2.0420, -1.6295



33.6380, 42.5765, -29.5005



69.2480, 87.6317, -60.7305

Inverse Universe

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



81.2360, -1.1023, 26.9800



97.5090, -1.7299, 41.6496



103.7660, -18.6186, -1.5488



52.0220, -0.0108, 3.4887



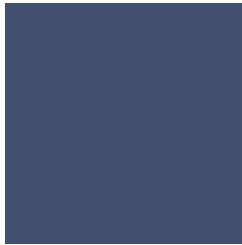
39.7560, -2.8377, 70.3740



81.8330, -5.8337, 144.8515

Previews

White Background



This preview shows how the YUV color 78.8750, 16.3306, -11.2914 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 78.8750, 16.3306, -11.2914 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

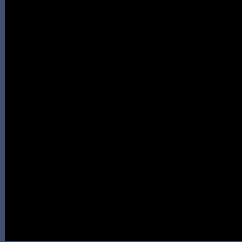
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 78.8750, 16.3306, -11.2914

Background



This preview shows how black text looks on a background with the YUV color 78.8750, 16.3306, -11.2914.

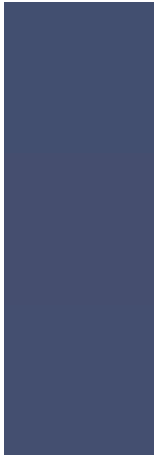


This preview shows how white text looks on a background with the YUV color 78.8750, 16.3306, -11.2914.

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

78.8750, 16.3306, -11.2914

Protanopia

79.0710, 15.7410, -8.8323

Deuteranopia

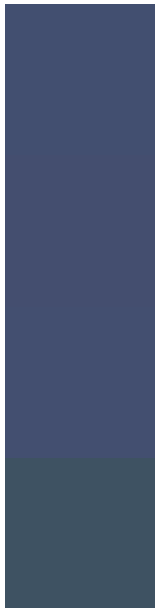
79.4730, 16.0358, -10.0618



Tritanopia

76.9210, 6.4479, -14.8397

Trichromacy



Original Color

78.8750, 16.3306, -11.2914

Protanomaly

78.7720, 15.8884, -9.4470

Deuteranomaly

79.1740, 16.1832, -10.6766

Tritanomaly

77.8440, 9.9369, -13.8952

Monochromacy



Original Color

78.8750, 16.3306, -11.2914

Achromatopsia

79.0000, 0.0000, 0.0000

Achromatomaly

78.8730, 5.9786, -4.2736

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.8750, 16.3306, -11.2914 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(66, 79, 112)` looks like.

```
.text, #text, p{  
    color:rgb(66, 79, 112)  
}
```

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(66, 79, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 79, 112) }
```

Border

The CSS property to change the border of an element to YUV 78.8750, 16.3306, -11.2914 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(66, 79, 112) }
```


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

```
.border{ border-color:rgb(66, 79, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 79, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 79, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 79, 112);  
box-shadow:4px 4px 4px 4px rgb(66, 79,  
112) }
```

Background

The CSS property to change the background color of an element to YUV 78.8750, 16.3306, -11.2914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 79, 112) }
```

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

```
.background{ background-color: rgb(66, 79,  
112) }
```

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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