

Converting Colors

YUV(78.5970, 21.3977, -3.1546)

Have a look what the booklet for
YUV(78.5970, 21.3977, -3.1546)
contains.

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Color

**YUV(78.5970, 21.3977,
-3.1546)**

Conversions

Conversions Part 1

Format	Color
Hex	4B487A
RGB	75, 72, 122
RGB Percent	29%, 28%, 48%
CMY	0.7059, 0.7176, 0.5216
CMYK	0.39, 0.41, 0.00, 0.52
HSL	244°, 26%, 38%
HSV	244°, 41%, 48%
XYZ	8.7319, 7.5357, 19.4067
YIQ	78.5970, -14.2620, 16.1860

Conversions

Conversions Part 2

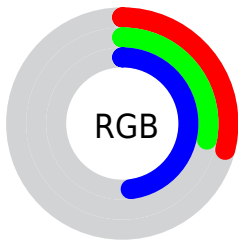
Format	Color
R _Y B	75, 72, 122
Decimal	4933754
CIE Lab	33.00, 14.42, -28.08
CIE LCh	33, 31.563, 297.182
Yxy	7.5357, 0.2448, 0.2112
Android (android.graphics.Color)	4283123834 (0xFF4B487A)
YUV	78.5970, 21.3977, -3.1546
Hunter-Lab	27.4513, 8.7386, -22.6992

Details


The YUV color **78.5970, 21.3977, -3.1546** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **115.4030, -21.3977, 3.1546**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.0640, 23.1394, -1.8101**, and **33.1190, 19.6613, -6.2434** is the 20% darker color. If you saturate the color by 10%, you get **68.2640, 26.4918, -3.7395**, and if you desaturate by 10%, it is **88.9300, 16.3035, -2.5696**.

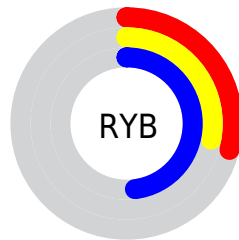
Distribution



 Red (29%)

 Green (28%)

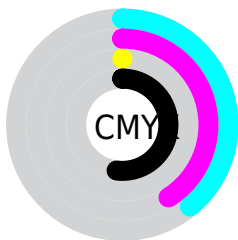
 Blue (48%)





 Red (29%)

 Yellow (28%)

 Blue (48%)

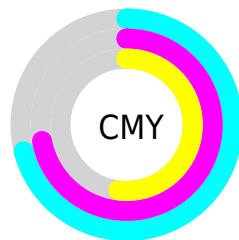


 Cyan (39%)

 Magenta (41%)

 Yellow (0%)

 Black (52%)



 Cyan (71%)

 Magenta (72%)

 Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 78.5970, 21.3977, -3.1546 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 78.5970, 21.3977, -3.1546 by changing the saturation by 10% instead.

■ 78.5970, 21.3977,
-3.1546

■ 78.5970, 21.3977,
-3.1546

■ 255.0000, 0.0000,
0.0000

■ 55.6570, 20.3821,
-4.0842

■ 128.0640, 23.1394,
-1.8101

■ 33.1190, 19.6613,
-6.2434

■ 154.1780, 23.5762,
-1.9101

■ 8.6570, 20.3821,
-4.0842

■ 181.5910, 23.8656,
-1.3953

■ 4.3660, 11.6516,
-3.8290

■ 208.3630, 22.9920,
-1.1954

■ 0.0000, 0.0000,
0.0000

■ 233.4700, 10.6143,
2.2188

■ 78.5970, 21.3977,
-3.1546

■ 78.5970, 21.3977,
-3.1546

■ 68.2640, 26.4918,
-3.7395

■ 88.9300, 16.3035,
-2.5696

■ 57.6320, 31.7334,
-4.9393

■ 99.5620, 11.0619,
-1.3699

■ 46.7120, 37.1170,
-5.0094

■ 110.4820, 5.6784,
-1.2997

■ 36.0800, 42.3586,
-6.2092

■ 121.1140, 0.4368,
-0.1000

■ 25.7470, 47.4527,
-6.7941

■ 131.4470, -4.6574,
0.4850

■ 16.0010, 52.2575,
-7.8939

■ 142.0790, -9.8989,
1.6847

■ 152.4120,
-14.9931, 2.2697

■ 163.6310,

-20.5241, 2.9546

■ 173.9640,
-25.6183, 3.5396

Harmonies

Analogous

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



66.8090, 29.6742, -44.5595



78.5970, 21.3977, -3.1546



80.0580, 12.2964, 22.7511

Triad

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



78.5970, 21.3977, -3.1546



76.6330, -20.0321, 31.8939



61.2660, 6.2779, -53.7303

Complementary

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



78.5970, 21.3977, -3.1546



115.4030, -21.3977, 3.1546

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.



68.3050, -9.5174, -27.4545



78.5970, 21.3977, -3.1546



75.0950, -24.2038, 16.5797

Square

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



78.5970, 21.3977, -3.1546



77.2070, -10.4551, 40.1605



72.8860, -20.6498, -3.4080



64.2300, 17.6346, -56.3297

Rectangle

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



78.5970, 21.3977, -3.1546



78.8870, 4.9857, 34.3021



72.8860, -20.6498, -3.4080



59.7670, 3.0729, -52.4157

Sweetspot

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



78.5970, 21.3977, -3.1546



141.4650, 8.1518, -1.2848



105.8760, 7.9491, -29.7093



69.5530, 4.6574, -0.4850



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



78.5970, 21.3977, -3.1546



90.9740, 33.0438, -5.2392



86.0720, 17.7125, 12.2149



55.6840, 2.6208, -0.5999



16.3430, 53.5679, -8.1938



33.2130, 107.8620, -15.9728

Inverse Universe

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



92.3080, 13.1592, 26.0399



112.2310, 20.0991, 40.1394



107.9280, -17.7125, -12.2149



57.4780, 1.7363, 3.0888



50.7130, 32.6795, 65.1497



102.3660, 66.3746, 131.2290

Previews

White Background



This preview shows how the YUV color 78.5970, 21.3977, -3.1546 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 78.5970, 21.3977, -3.1546 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

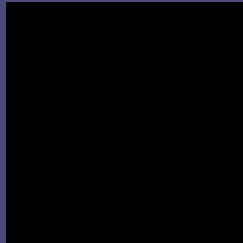
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 78.5970, 21.3977, -3.1546

Background



This preview shows how black text looks on a background with the YUV color 78.5970, 21.3977, -3.1546.



This preview shows how white text looks on a background with the YUV color 78.5970, 21.3977, -3.1546.

-3.1546.

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

78.5970, 21.3977, -3.1546

Protanopia

76.3180, 24.4932, -16.0649

Deuteranopia

76.0250, 22.1727, -18.4389



Tritanopia

76.7970, 4.5371, -8.5920

Trichromacy



Original Color

78.5970, 21.3977, -3.1546

Protanomaly

77.4110, 23.4614, -11.7614

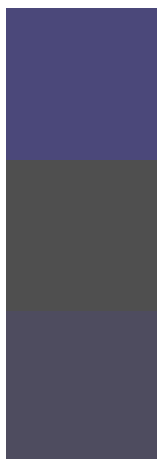
Deuteranomaly

76.9440, 21.7196, -13.1059

Tritanomaly

77.4150, 10.6414, -6.5030

Monochromacy



Original Color

78.5970, 21.3977, -3.1546

Achromatopsia

79.0000, 0.0000, 0.0000

Achromatomaly

78.7640, 8.0043, -0.6700

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.5970, 21.3977, -3.1546 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(75, 72, 122)` looks like.

```
.text, #text, p{  
    color:rgb(75, 72, 122)  
}
```

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(75, 72, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 72, 122) }
```

Border

The CSS property to change the border of an element to YUV 78.5970, 21.3977, -3.1546 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(75, 72, 122) }
```


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

```
.border{ border-color:rgb(75, 72, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 72, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 72, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 72, 122);  
box-shadow:4px 4px 4px 4px rgb(75, 72,  
122) }
```

Background

The CSS property to change the background color of an element to YUV 78.5970, 21.3977, -3.1546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 72, 122) }
```

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

```
.background{ background-color: rgb(75, 72,  
122) }
```

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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