

Converting Colors

YUV(78.9610, 22.6972, 0.0342)

Have a look what the booklet for
YUV(78.9610, 22.6972, 0.0342)
contains.

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Color

**YUV(78.9610, 22.6972,
0.0342)**

Conversions

Conversions Part 1

Format	Color
Hex	4F467D
RGB	79, 70, 125
RGB Percent	31%, 27%, 49%
CMY	0.6902, 0.7255, 0.5098
CMYK	0.37, 0.44, 0.00, 0.51
HSL	250°, 28%, 38%
HSV	250°, 44%, 49%
XYZ	9.1163, 7.5233, 20.3737
YIQ	78.9610, -12.2910, 19.0130

Conversions

Conversions Part 2

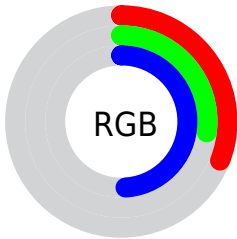
Format	Color
R_{YB}	79, 70, 125
Decimal	5195389
CIE _{Lab}	32.97, 17.80, -29.96
CIE _{LCh}	33, 34.850, 300.711
Yxy	7.5233, 0.2463, 0.2033
Android (android.graphics.Color)	4283385469 (0xFF4F467D)
YUV	78.9610, 22.6972, 0.0342
Hunter-Lab	27.4285, 11.3271, -24.8401

Details

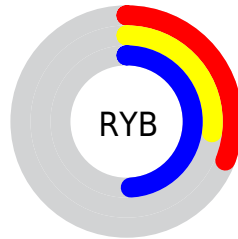
The YUV color **78.9610, 22.6972, 0.0342** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **116.0390, -22.6972, -0.0342**, and the grayscale version is **79.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.4280, 24.4390, 1.3786**, and **33.4830, 20.9609, -3.0546** is the 20% darker color. If you saturate the color by 10%, you get **68.9270, 27.6440, 0.0640**, and if you desaturate by 10%, it is **89.5820, 17.4611, -0.5104**.

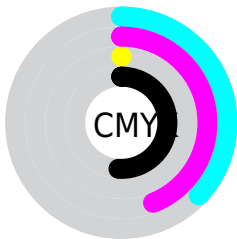
Distribution



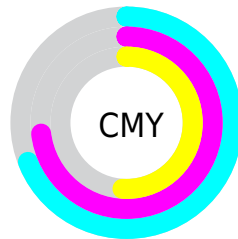
- Red (31%)
- Green (27%)
- Blue (49%)



- Red (31%)
- Yellow (27%)
- Blue (49%)



- Cyan (37%)
- Magenta (44%)
- Yellow (0%)
- Black (51%)



- Cyan (69%)
- Magenta (73%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 78.9610, 22.6972, 0.0342 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 78.9610, 22.6972, 0.0342 by changing the saturation by 10% instead.

■ 78.9610, 22.6972,
0.0342

■ 78.9610, 22.6972,
0.0342

■ 255.0000, 0.0000,
0.0000

■ 55.7220, 21.8291,
-1.5102

■ 128.4280, 24.4390,
1.3786

■ 33.4830, 20.9609,
-3.0546

■ 154.9550, 25.1652,
1.7935

■ 9.0210, 21.6816,
-0.8954

■ 182.0690, 25.6020,
1.6935

■ 4.7080, 12.9620,
-4.1289

■ 208.6840, 22.8338,
2.9081

■ 0.1140, 0.4368,
-0.1000

■ 233.7910, 10.4560,
6.3223

■ 0.0000, 0.0000,
0.0000

■ 78.9610, 22.6972,
0.0342

■ 78.9610, 22.6972,
0.0342

■ 68.9270, 27.6440,
0.0640

■ 89.5820, 17.4611,
-0.5104

■ 58.0070, 33.0275,
-0.0061

■ 99.9150, 12.3669,
0.0745

■ 47.9730, 37.9743,
0.0237

■ 110.5360, 7.1308,
-0.4701

■ 37.0530, 43.3579,
-0.0465

■ 120.8690, 2.0366,
0.1149

■ 27.0190, 48.3046,
-0.0167

■ 131.4900, -3.1996,
-0.4297


■ 20.2300, 51.6516,
-0.2017

■ 141.8230, -8.2937,
0.1552

■ 152.4440,
-13.5299, -0.3894

■ 162.7770,

-18.6241, 0.1956

 172.8110,
-23.5708, 0.1658

Harmonies

Analogous

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



64.5140, 33.7636, -49.5628



78.9610, 22.6972, 0.0342



79.7920, 12.4275, 27.3694

Triad

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



78.9610, 22.6972, 0.0342



75.8350, -23.0897, 32.5937



62.1950, 7.2989, -54.5450

Complementary

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



78.9610, 22.6972, 0.0342



116.0390, -22.6972, -0.0342

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.



65.0050, -7.8905, -35.9614



78.9610, 22.6972, 0.0342



74.1720, -27.6928, 15.6352

Square

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



78.9610, 22.6972, 0.0342



76.3600, -12.5025, 43.5343



71.5220, -21.9493, -6.5968



64.8000, 19.8186, -56.8296

Rectangle

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



78.9610, 22.6972, 0.0342



78.3930, 4.2433, 39.1203



71.5220, -21.9493, -6.5968



60.5820, 3.6571, -53.1304

Sweetspot

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



78.9610, 22.6972, 0.0342



145.2910, 8.7305, -0.2552



103.8590, 10.4225, -29.6943



71.0800, 5.3836, -0.0702



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



78.9610, 22.6972, 0.0342



90.9900, 35.5009, 0.0088



87.0340, 18.7172, 16.6332



58.0970, 2.9102, -0.0851



20.8710, 52.8146, 0.1131



0.0000, 0.0000, 0.0000

Inverse Universe

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



91.6890, 11.9853, 29.2137



110.9220, 18.7725, 45.6724



107.9660, -18.7172, -16.6332



59.7770, 1.5889, 3.7036



50.4700, 27.8693, 67.9938



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 78.9610, 22.6972, 0.0342 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 78.9610, 22.6972, 0.0342 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

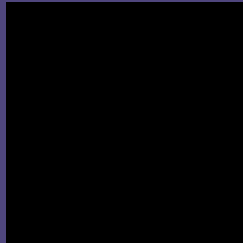
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 78.9610, 22.6972, 0.0342

Background



This preview shows how black text looks on a background with the YUV color 78.9610, 22.6972, 0.0342.



This preview shows how white text looks on a background with the YUV color 78.9610, 22.6972,

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

78.9610, 22.6972, 0.0342

Protanopia

75.8770, 26.6826, -18.3091

Deuteranopia

75.3560, 23.4885, -20.4832



Tritanopia

76.9930, 3.9475, -6.1329

Trichromacy



Original Color

78.9610, 22.6972, 0.0342

Protanomaly

77.1660, 25.0612, -11.5466

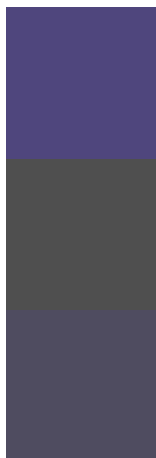
Deuteranomaly

76.6990, 23.3194, -12.8910

Tritanomaly

77.8390, 10.9254, -4.2438

Monochromacy



Original Color

78.9610, 22.6972, 0.0342

Achromatopsia

79.0000, 0.0000, 0.0000

Achromatomaly

79.1770, 8.2937, -0.1552

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.9610, 22.6972, 0.0342 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(79, 70, 125)` looks like.

```
.text, #text, p{  
    color:rgb(79, 70, 125)  
}
```

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(79, 70, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 70, 125) }
```

Border

The CSS property to change the border of an element to YUV 78.9610, 22.6972, 0.0342 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(79, 70, 125) }
```


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

```
.border{ border-color:rgb(79, 70, 125) }
```

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

Here you see how a box with a 4 pixel rgb(79, 70, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 70, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 70, 125);  
box-shadow:4px 4px 4px 4px rgb(79, 70,  
125) }
```

Background

The CSS property to change the background color of an element to YUV 78.9610, 22.6972, 0.0342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 70, 125) }
```

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

```
.background{ background-color: rgb(79, 70,  
125) }
```

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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