

Converting Colors

YUV(125.7810, 25.7440, 2.8231)

Have a look what the booklet for
YUV(125.7810, 25.7440, 2.8231)
contains.

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Color

**YUV(125.7810, 25.7440,
2.8231)**

Conversions

Conversions Part 1

Format	Color
Hex	8172B2
RGB	129, 114, 178
RGB Percent	51%, 45%, 70%
CMY	0.4941, 0.5529, 0.3020
CMYK	0.28, 0.36, 0.00, 0.30
HSL	254°, 29%, 57%
HSV	254°, 36%, 70%
XYZ	23.1065, 19.9161, 44.7458
YIQ	125.7810, -11.6040, 23.0840

Conversions

Conversions Part 2

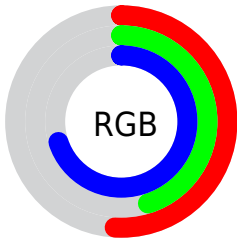
Format	Color
R _Y B	129, 114, 178
Decimal	8483506
CIE Lab	51.74, 20.07, -31.90
CIE LCh	52, 37.684, 302.172
Yxy	19.9161, 0.2633, 0.2269
Android (android.graphics.Color)	4286673586 (0xFF8172B2)
YUV	125.7810, 25.7440, 2.8231
Hunter-Lab	44.6275, 14.3227, -28.2080

Details

The YUV color **125.7810, 25.7440, 2.8231** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **166.2190, -25.7440, -2.8231**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.8350, 27.1963, 3.6527**, and **76.3140, 24.0022, 1.4786** is the 20% darker color. If you saturate the color by 10%, you get **111.0290, 33.0167, 3.4826**, and if you desaturate by 10%, it is **140.5330, 18.4712, 2.1636**.

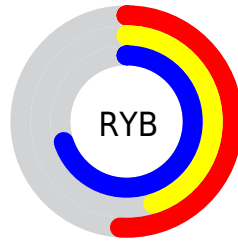
Distribution



Red (51%)

Green (45%)

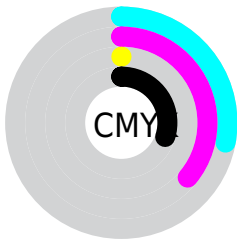
Blue (70%)



Red (51%)

Yellow (45%)

Blue (70%)

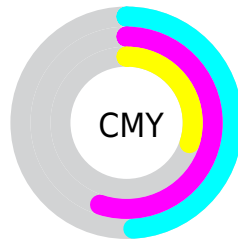


Cyan (28%)

Magenta (36%)

Yellow (0%)

Black (30%)



Cyan (49%)

Magenta (55%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 125.7810, 25.7440, 2.8231 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 125.7810, 25.7440, 2.8231 by changing the saturation by 10% instead.

■ 125.7810, 25.7440,
2.8231

■ 125.7810, 25.7440,
2.8231

■ 255.0000, 0.0000,
0.0000

■ 100.2540, 25.0178,
2.4082

■ 178.8350, 27.1963,
3.6527

■ 76.3140, 24.0022,
1.4786

■ 205.4500, 24.4282,
4.8674

■ 53.0750, 23.1340,
-0.0658

■ 230.5570, 12.0504,
8.2815

■ 30.4230, 21.9765,
-2.1250

■ 252.0650, 1.4470,
2.5740

■ 8.4340, 21.9710,
-0.3806

■ 4.5940, 12.5252,
-4.0289

■ 0.1140, 0.4368,

-0.1000

■ 0.0000, 0.0000,
0.0000

■ 125.7810, 25.7440,
2.8231

■ 125.7810, 25.7440,
2.8231

■ 111.0290, 33.0167,
3.4826

■ 140.5330, 18.4712,
2.1636

■ 96.5760, 40.1420,
4.7568

■ 154.9860, 11.3459,
0.8893

■ 82.4110, 47.1254,
4.9016

■ 169.1510, 4.3626,
0.7446

■ 67.6590, 54.3981,
5.5611

■ 183.9030, -2.9102,
0.0851

■ 53.2060, 61.5234,
6.8353

■ 198.3560,
-10.0355, -1.1892

■ 38.4540, 68.7962,
7.4948

■ 213.1080,
-17.3082, -1.8487

■ 32.8500, 71.5589,
8.0245

■ 227.5610,
-24.4336, -3.1230

■ 241.1390,
-31.1275, -2.7529

■ 245.3250,
-33.1912, 5.8540

Harmonies

Analogous

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



117.2210, 34.8940, -38.7818



125.7810, 25.7440, 2.8231



126.7650, 13.4269, 33.5321

Triad

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



125.7810, 25.7440, 2.8231



122.7280, -27.4739, 38.8265



96.4300, 14.0850, -84.5691

Complementary

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



125.7810, 25.7440, 2.8231



166.2190, -25.7440, -2.8231

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.



110.6410, -9.1900, -39.1502



125.7810, 25.7440, 2.8231



120.2710, -31.1926, 18.1793

Square

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



125.7810, 25.7440, 2.8231



123.4920, -16.0186, 51.3115



117.1150, -24.7067, -8.8709



99.4910, 28.3519, -87.2536

Rectangle

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



125.7810, 25.7440, 2.8231



125.6220, 3.6374, 46.8125



117.1150, -24.7067, -8.8709



100.1560, 6.3321, -71.1738

Sweetspot

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



125.7810, 25.7440, 2.8231



211.6440, 10.0355, 1.1892



150.0590, 13.7749, -31.6237



104.9060, 5.9623, 0.9594



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



125.7810, 25.7440, 2.8231



150.5760, 40.1420, 4.7568



135.3490, 21.0269, 22.4959



81.6240, 3.6364, 0.3298



28.2060, 61.5234, 6.8353



4.7580, 10.4723, 1.0892

Inverse Universe

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



138.7220, 11.9691, 34.4468



170.6780, 18.8927, 53.7794



156.6510, -21.0269, -22.4959



83.4890, 1.7309, 4.8331



59.0850, 28.5521, 82.3635



10.0540, 4.9034, 13.9846

Previews

White Background



This preview shows how the YUV color 125.7810, 25.7440, 2.8231 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the YUV color 125.7810, 25.7440, 2.8231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

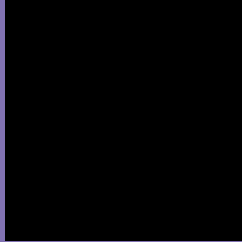
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 125.7810, 25.7440, 2.8231

Background



This preview shows how black text looks on a background with the YUV color 125.7810, 25.7440, 2.8231.

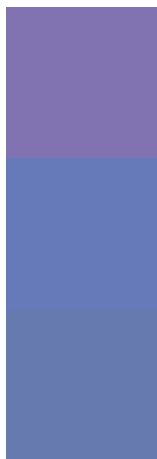


This preview shows how white text looks on a background with the YUV color 125.7810, 25.7440,

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

125.7810, 25.7440, 2.8231

Protanopia

122.5010, 30.3190, -17.9794

Deuteranopia

122.4750, 26.3878, -17.0796



Tritanopia

123.2430, 4.8102, -2.8441

Trichromacy



Original Color

125.7810, 25.7440, 2.8231

Protanomaly

123.5020, 28.8395, -10.0873

Deuteranomaly

123.5190, 26.3661, -10.1022

Tritanomaly

124.2030, 12.2249, -1.0550

Monochromacy



Original Color

125.7810, 25.7440, 2.8231

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

126.1170, 9.3093, 0.7744

CSS Examples

Text

The CSS property to change the color of the text to YUV 125.7810, 25.7440, 2.8231 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(129, 114, 178)` looks like.

```
.text, #text, p{  
    color:rgb(129, 114, 178)  
}
```

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(129, 114, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 114, 178) }
```

Border

The CSS property to change the border of an element to YUV 125.7810, 25.7440, 2.8231 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(129, 114, 178) }
```


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

```
.border{ border-color:rgb(129, 114, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 114, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 114, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 114, 178);  
box-shadow:4px 4px 4px 4px rgb(129, 114,  
178) }
```

Background

The CSS property to change the background color of an element to YUV 125.7810, 25.7440, 2.8231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 114, 178) }
```

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

```
.background{ background-color: rgb(129,  
114, 178) }
```

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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