

Converting Colors

YUV(125.8230, 28.6813,
-5.9838)

Have a look what the booklet for
YUV(125.8230, 28.6813, -5.9838)
contains.

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Color

**YUV(125.8230, 28.6813,
-5.9838)**

Conversions

Conversions Part 1

Format	Color
Hex	7776B8
RGB	119, 118, 184
RGB Percent	47%, 46%, 72%
CMY	0.5333, 0.5373, 0.2784
CMYK	0.35, 0.36, 0.00, 0.28
HSL	241°, 32%, 59%
HSV	241°, 36%, 72%
XYZ	22.7379, 20.3395, 48.0749
YIQ	125.8230, -20.5900, 20.7380

Conversions

Conversions Part 2

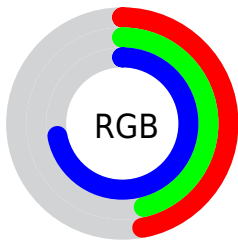
Format	Color
R _Y B	119, 118, 184
Decimal	7829176
CIE Lab	52.22, 16.34, -34.68
CIE LCh	52, 38.333, 295.235
Yxy	20.3395, 0.2494, 0.2231
Android (android.graphics.Color)	4286019256 (0xFF7776B8)
YUV	125.8230, 28.6813, -5.9838
Hunter-Lab	45.0993, 11.0712, -31.6323

Details

The YUV color **125.8230, 28.6813, -5.9838** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **176.1770, -28.6813, 5.9838**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.8770, 30.1336, -5.1541**, and **76.0570, 27.0869, -7.9430** is the 20% darker color. If you saturate the color by 10%, you get **109.8750, 36.5436, -7.7834**, and if you desaturate by 10%, it is **141.7710, 20.8189, -4.1842**.

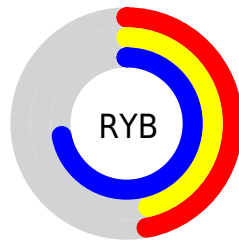
Distribution



Red (47%)

Green (46%)

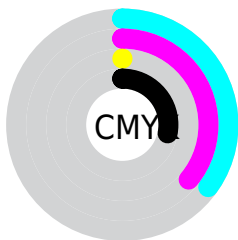
Blue (72%)



Red (47%)

Yellow (46%)

Blue (72%)

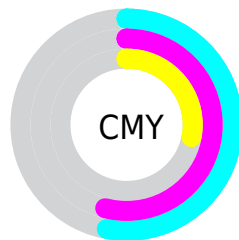


Cyan (35%)

Magenta (36%)

Yellow (0%)

Black (28%)



Cyan (53%)

Magenta (54%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YUV color 125.8230, 28.6813, -5.9838 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 125.8230, 28.6813, -5.9838 by changing the saturation by 10% instead.

■ 125.8230, 28.6813,
-5.9838

■ 125.8230, 28.6813,
-5.9838

255.0000, 0.0000,
0.0000

■ 100.2960, 27.9551,
-6.3986

■ 178.8770, 30.1336,
-5.1541

■ 76.0570, 27.0869,
-7.9430

■ 204.8080, 24.7447,
-3.3396

■ 52.4050, 25.9293,
-10.0022

■ 229.9150, 12.3669,
0.0745

■ 28.3720, 25.9456,
-15.2352

254.4130, 0.2894,
0.5148

■ 6.4980, 24.8975,
-5.6987

■ 5.1640, 14.7091,
-4.5288

■ 1.1400, 4.3680,

-0.9998

■ 0.0000, 0.0000,
0.0000

■ 125.8230, 28.6813,
-5.9838

■ 125.8230, 28.6813,
-5.9838

■ 109.8750, 36.5436,
-7.7834

■ 141.7710, 20.8189,
-4.1842

■ 93.3400, 44.6954,
-9.0682

■ 158.3060, 12.6671,
-2.8994

■ 77.3920, 52.5577,
-10.8678

■ 174.2540, 4.8048,
-1.0998

■ 60.8570, 60.7095,
-12.1526

■ 190.7890, -3.3470,
0.1850

■ 44.6100, 68.7193,
-14.5670

■ 207.0360,
-11.3567, 2.5994

■ 28.6620, 76.5816,
-16.3666

■ 222.9840,
-19.2191, 4.3990

■ 21.8730, 79.9286,
-16.5516

■ 239.5190,
-27.3709, 5.6838

■ 246.9060,
-31.0127, 7.0984

Harmonies

Analogous

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



114.1160, 37.4108, -52.7217



125.8230, 28.6813, -5.9838



127.9430, 16.7901, 28.1140

Triad

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



125.8230, 28.6813, -5.9838



124.1030, -26.1798, 43.7597



96.2190, 10.7380, -84.3841

Complementary

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



125.8230, 28.6813, -5.9838



176.1770, -28.6813, 5.9838

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.



113.8330, -13.7217, -32.3025



125.8230, 28.6813, -5.9838



122.1900, -31.6457, 23.5124

Square

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



125.8230, 28.6813, -5.9838



124.8990, -13.2612, 53.5856



119.0620, -27.6386, -1.8084



100.0950, 25.5892, -87.7833

Rectangle

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



125.8230, 28.6813, -5.9838



127.2240, 7.2846, 43.6536



119.0620, -27.6386, -1.8084



106.0390, 0.4738, -58.7932

Sweetspot

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



125.8230, 28.6813, -5.9838



216.3770, 11.6461, -2.0846



164.2660, 9.7289, -40.5753



106.1230, 6.8414, -0.9849



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



125.8230, 28.6813, -5.9838



149.0410, 44.8428, -9.6830



135.3910, 23.9642, 13.6891



84.0260, 3.9312, -0.8998



18.3820, 67.8457, -14.3670



3.1920, 12.2303, -2.7994

Inverse Universe

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



145.1440, 18.6630, 34.0767



179.3110, 28.9337, 53.2243



166.6090, -23.9642, -13.6891



86.7170, 2.6045, 4.6332



64.0860, 43.8346, 80.6086



11.5640, 8.1029, 14.4144

Previews

White Background



This preview shows how the YUV color 125.8230, 28.6813, -5.9838 looks on a white background.

Color Contrast Check

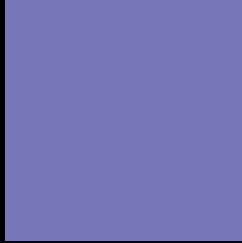
Large Text (above 18pt) WCAG AA ✓ Pass

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 125.8230, 28.6813, -5.9838 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 125.8230, 28.6813, -5.9838

Background



This preview shows how black text looks on a background with the YUV color 125.8230, 28.6813, -5.9838.



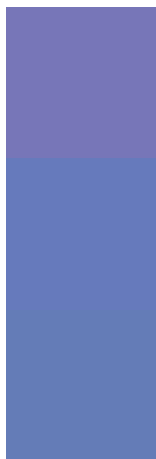
This preview shows how white text looks on a background with the YUV color 125.8230, 28.6813, -5.9838.

-5.9838.

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

125.8230, 28.6813, -5.9838

Protanopia

123.5440, 31.7768, -18.8941

Deuteranopia

123.5500, 29.3089, -20.6533



Tritanopia

122.8720, 7.4581, -12.1657

Trichromacy



Original Color

125.8230, 28.6813, -5.9838

Protanomaly

124.6370, 30.7450, -14.5906

Deuteranomaly

124.4690, 28.8558, -15.3203

Tritanomaly

124.2450, 15.1622, -9.8619

Monochromacy



Original Color

125.8230, 28.6813, -5.9838

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

125.7360, 10.4832, -2.3995

CSS Examples

Text

The CSS property to change the color of the text to YUV 125.8230, 28.6813, -5.9838 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(119, 118, 184)` looks like.

```
.text, #text, p{  
    color:rgb(119, 118, 184)  
}
```

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(119, 118, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 118, 184) }
```

Border

The CSS property to change the border of an element to YUV 125.8230, 28.6813, -5.9838 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(119, 118, 184) }
```


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

```
.border{ border-color:rgb(119, 118, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 118, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 118, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 118, 184);  
box-shadow:4px 4px 4px 4px rgb(119, 118,  
184) }
```

Background

The CSS property to change the background color of an element to YUV 125.8230, 28.6813, -5.9838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 118, 184) }
```

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

```
.background{ background-color: rgb(119,  
118, 184) }
```

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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