

Converting Colors

YUV(126.1720, 22.5932,
-13.3058)

Have a look what the booklet for
YUV(126.1720, 22.5932, -13.3058)
contains.

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Color

**YUV(126.1720, 22.5932,
-13.3058)**

Conversions

Conversions Part 1

Format	Color
Hex	6F7DAC
RGB	111, 125, 172
RGB Percent	44%, 49%, 67%
CMY	0.5647, 0.5098, 0.3255
CMYK	0.35, 0.27, 0.00, 0.33
HSL	226°, 27%, 55%
HSV	226°, 35%, 67%
XYZ	21.3356, 21.0253, 41.9635
YIQ	126.1720, -23.4310, 11.6490

Conversions

Conversions Part 2

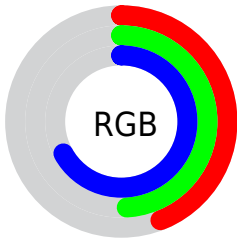
Format	Color
R _{YB}	111, 122, 172
Decimal	7306668
CIE Lab	52.98, 6.56, -26.62
CIE LCh	53, 27.416, 283.838
Yxy	21.0253, 0.2530, 0.2493
Android (android.graphics.Color)	4285496748 (0xFF6F7DAC)
YUV	126.1720, 22.5932, -13.3058
Hunter-Lab	45.8533, 2.8127, -22.1630

Details

The YUV color **126.1720, 22.5932, -13.3058** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **156.8280, -22.5932, 13.3058**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.9270, 24.1930, -13.0910**, and **76.1180, 21.1408, -14.1355** is the 20% darker color. If you saturate the color by 10%, you get **113.4580, 28.8612, -17.0647**, and if you desaturate by 10%, it is **138.8860, 16.3252, -9.5470**.

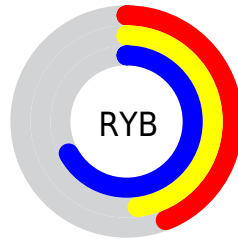
Distribution



Red (44%)

Green (49%)

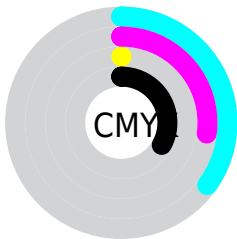
Blue (67%)



Red (44%)

Yellow (48%)

Blue (67%)

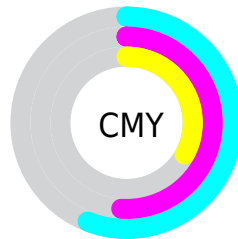


Cyan (35%)

Magenta (27%)

Yellow (0%)

Black (33%)



Cyan (56%)

Magenta (51%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 126.1720, 22.5932, -13.3058 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 126.1720, 22.5932, -13.3058 by changing the saturation by 10% instead.

■ 126.1720, 22.5932,
-13.3058

■ 126.1720, 22.5932,
-13.3058

■ 255.0000, 0.0000,
0.0000

■ 100.6450, 21.8670,
-13.7207

■ 178.9270, 24.1930,
-13.0910

■ 76.1180, 21.1408,
-14.1355

■ 206.8130, 23.7562,
-12.9910

■ 52.9930, 20.7095,
-15.7799

■ 231.6210, 11.5258,
-10.1916

■ 28.9600, 20.7257,
-21.0129

■ 253.2060, 0.8844,
-3.6887

■ 10.7550, 18.3618,
-9.4321

■ 3.6650, 11.5042,
-3.2142

■ 0.0000, 0.0000,

0.0000

■ 126.1720, 22.5932,
-13.3058

■ 126.1720, 22.5932,
-13.3058

■ 113.4580, 28.8612,
-17.0647

■ 138.8860, 16.3252,
-9.5470

■ 100.1570, 35.4186,
-20.3087

■ 152.1870, 9.7678,
-6.3030

■ 87.1440, 41.8340,
-24.6823

■ 165.2000, 3.3524,
-1.9294

■ 74.4300, 48.1020,
-28.4411

■ 177.9140, -2.9156,
1.8294

■ 61.7160, 54.3700,
-32.1999

■ 190.6280, -9.1836,
5.5882

■ 48.4150, 60.9274,
-35.4440

■ 203.9290,
-15.7410, 8.8323

■ 42.5010, 63.8430,
-37.2734

■ 216.6430,
-22.0090, 12.5911

■ 229.6560,
-28.4244, 16.9647

■ 239.0810,
-33.0709, 13.9610

Harmonies

Analogous

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



119.1040, 25.5847, -39.5562



126.1720, 22.5932, -13.3058



129.7900, 15.3865, 11.5852

Triad

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



126.1720, 22.5932, -13.3058



127.6920, -16.1172, 36.2271



116.9110, -1.9281, -35.0019

Complementary

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



126.1720, 22.5932, -13.3058



156.8280, -22.5932, 13.3058

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.



121.1280, -14.3601, -14.1443



126.1720, 22.5932, -13.3058



126.3070, -22.3364, 24.2868

Square

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



126.1720, 22.5932, -13.3058



128.9340, -6.3765, 38.6459



124.3110, -21.8453, 6.7433



112.1610, 12.2456, -54.5152

Rectangle

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



126.1720, 22.5932, -13.3058



130.1570, 8.7966, 25.2953



124.3110, -21.8453, 6.7433



118.1030, -6.4598, -28.1543

Sweetspot

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



126.1720, 22.5932, -13.3058



205.6710, 9.0362, -4.9735



152.1650, 2.8767, -36.1017



101.3570, 5.2470, -2.9441



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



126.1720, 22.5932, -13.3058



151.8580, 35.5660, -20.9235



122.7380, 24.2862, 3.7378



80.2000, 3.3524, -1.9294



37.6450, 55.3910, -33.0147



5.5570, 8.5994, -4.8735

Inverse Universe

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



130.8350, -2.8767, 36.1017



159.2120, -4.5415, 56.8191



160.2620, -24.2862, -3.7378



80.9190, -0.4531, 5.3330



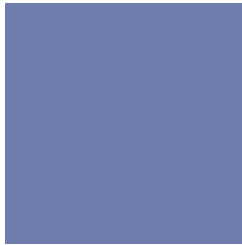
48.8400, -6.8231, 88.7173



7.4470, -1.2064, 13.6400

Previews

White Background



This preview shows how the YUV color 126.1720, 22.5932, -13.3058 looks on a white background.

Color Contrast Check

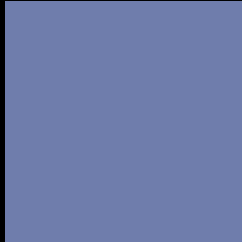
Large Text (above 18pt) WCAG AA ✓ Pass

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 126.1720, 22.5932, -13.3058 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

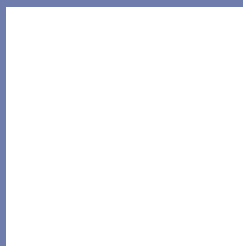
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 126.1720, 22.5932, -13.3058

Background



This preview shows how black text looks on a background with the YUV color 126.1720, 22.5932, -13.3058.



This preview shows how white text looks on a background with the YUV color 126.1720, 22.5932, -13.3058.

-13.3058.

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

126.1720, 22.5932, -13.3058

Protanopia

126.7700, 22.2984, -12.0763

Deuteranopia

126.4710, 22.4458, -12.6911



Tritanopia

124.0670, 8.3480, -17.5988

Trichromacy



Original Color

126.1720, 22.5932, -13.3058

Protanomaly

126.4710, 22.4458, -12.6911

Deuteranomaly

126.4710, 22.4458, -12.6911

Tritanomaly

125.0440, 13.2893, -15.8246

Monochromacy



Original Color

126.1720, 22.5932, -13.3058

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

126.4430, 8.1626, -4.7735

CSS Examples

Text

The CSS property to change the color of the text to YUV 126.1720, 22.5932, -13.3058 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(111, 125, 172)` looks like.

```
.text, #text, p{  
    color:rgb(111, 125, 172)  
}
```

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(111, 125, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 125, 172) }
```

Border

The CSS property to change the border of an element to YUV 126.1720, 22.5932, -13.3058 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(111, 125, 172) }
```


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

```
.border{ border-color:rgb(111, 125, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 125, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 125, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 125, 172);  
box-shadow:4px 4px 4px 4px rgb(111, 125,  
172) }
```

Background

The CSS property to change the background color of an element to YUV 126.1720, 22.5932, -13.3058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 125, 172) }
```

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

```
.background{ background-color: rgb(111,  
125, 172) }
```

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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