

Converting Colors

YUV(123.6860, 12.9728,
-7.6176)

Have a look what the booklet for
YUV(123.6860, 12.9728, -7.6176)
contains.

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Color

**YUV(123.6860, 12.9728,
-7.6176)**

Conversions

Conversions Part 1

Format	Color
Hex	737B96
RGB	115, 123, 150
RGB Percent	45%, 48%, 59%
CMY	0.5490, 0.5176, 0.4118
CMYK	0.23, 0.18, 0.00, 0.41
HSL	226°, 14%, 52%
HSV	226°, 23%, 59%
XYZ	19.6582, 20.0128, 31.6809
YIQ	123.6860, -13.4350, 6.7010

Conversions

Conversions Part 2

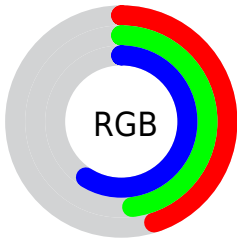
Format	Color
R_{YB}	115, 122, 150
Decimal	7568278
CIE _{Lab}	51.85, 3.23, -15.54
CIE _{LCh}	52, 15.874, 281.730
Yxy	20.0128, 0.2755, 0.2805
Android (android.graphics.Color)	4285758358 (0xFF737B96)
YUV	123.6860, 12.9728, -7.6176
Hunter-Lab	44.7356, 0.1510, -10.6731

Details

The YUV color **123.6860, 12.9728, -7.6176** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **141.3140, -12.9728, 7.6176**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.9140, 13.8464, -7.8176**, and **74.4580, 12.0992, -7.4177** is the 20% darker color. If you saturate the color by 10%, you get **112.1570, 18.6566, -10.6617**, and if you desaturate by 10%, it is **135.2150, 7.2890, -4.5736**.

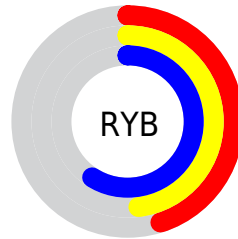
Distribution



Red (45%)

Green (48%)

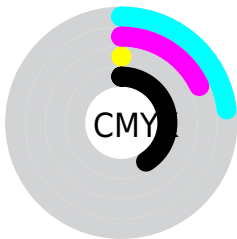
Blue (59%)



Red (45%)

Yellow (48%)

Blue (59%)

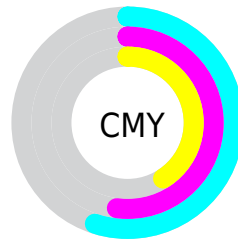


Cyan (23%)

Magenta (18%)

Yellow (0%)

Black (41%)



Cyan (55%)

Magenta (52%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.6860, 12.9728, -7.6176 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 123.6860, 12.9728, -7.6176 by changing the saturation by 10% instead.

■ 123.6860, 12.9728,
-7.6176

■ 123.6860, 12.9728,
-7.6176

255.0000, 0.0000,
0.0000

■ 98.5720, 12.5360,
-7.5176

■ 175.9140, 13.8464,
-7.8176

■ 74.4580, 12.0992,
-7.4177

■ 203.9140, 13.8464,
-7.8176

■ 51.9310, 11.3730,
-7.8325

■ 231.3440, 11.6624,
-7.3177

■ 30.4040, 10.6468,
-8.2473

254.1030, 0.4422,
-1.8443

■ 7.0560, 11.8044,
-6.1881

■ 0.4560, 1.7472,
-0.3999

■ 0.0000, 0.0000,

0.0000

■ 123.6860, 12.9728,
-7.6176

■ 123.6860, 12.9728,
-7.6176

■ 112.1570, 18.6566,
-10.6617

■ 135.2150, 7.2890,
-4.5736

■ 101.2150, 24.0510,
-14.2206

■ 146.1570, 1.8946,
-1.0147

■ 89.6860, 29.7348,
-17.2646

■ 157.6860, -3.7892,
2.0294

■ 78.7440, 35.1292,
-20.8235

■ 168.6280, -9.1836,
5.5882

■ 67.2150, 40.8130,
-23.8676

■ 180.1570,
-14.8674, 8.6323

■ 56.2730, 46.2074,
-27.4264

■ 191.0990,
-20.2618, 12.1912

■ 44.7440, 51.8912,
-30.4705

■ 202.6280,
-25.9456, 15.2352

■ 37.0580, 55.6804,
-32.4999

■ 214.1570,
-31.6294, 18.2793

■ 225.0990,
-37.0238, 21.8382

Harmonies

Analogous

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



120.8370, 13.8844, -20.0280



123.6860, 12.9728, -7.6176



125.4490, 9.1456, 6.6222

Triad

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



123.6860, 12.9728, -7.6176



125.0260, -9.3798, 21.9022



119.3090, -2.1243, -18.6880

Complementary

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



123.6860, 12.9728, -7.6176



141.3140, -12.9728, 7.6176

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.



120.6650, -8.7088, -6.7222



123.6860, 12.9728, -7.6176



124.0700, -12.8525, 15.7246

Square

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



123.6860, 12.9728, -7.6176



125.9320, -3.4175, 22.8616



122.4170, -12.5306, 5.7733



117.9150, 5.4649, -26.2355

Rectangle

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



123.6860, 12.9728, -7.6176



126.1680, 5.3402, 13.8847



122.4170, -12.5306, 5.7733



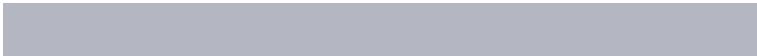
119.6470, -4.7560, -14.5994

Sweetspot

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



123.6860, 12.9728, -7.6176



183.3570, 5.2470, -2.9441



138.6230, 1.6649, -20.7174



91.0860, 2.9156, -1.8294



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



123.6860, 12.9728, -7.6176



153.2000, 20.1144, -11.5764



121.6810, 13.9613, 2.0338



68.3850, 2.7682, -1.2146



33.9290, 51.3070, -29.7557



2.3140, 3.7892, -2.0294

Inverse Universe

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



126.3770, -1.6649, 20.7174



157.5140, -2.7184, 31.9982



143.3190, -13.9613, -2.0338



69.2070, -0.5951, 4.2035



44.7960, -6.8014, 81.7399



3.2180, -0.6005, 5.9478

Previews

White Background



This preview shows how the YUV color 123.6860, 12.9728, -7.6176 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 123.6860, 12.9728, -7.6176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

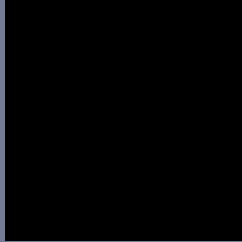
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

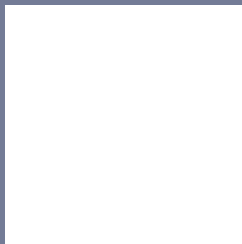
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 123.6860, 12.9728, -7.6176

Background



This preview shows how black text looks on a background with the YUV color 123.6860, 12.9728, -7.6176.



This preview shows how white text looks on a background with the YUV color 123.6860, 12.9728, -7.6176.

-7.6176.

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

123.6860, 12.9728, -7.6176

Protanopia

123.6970, 12.9674, -5.8733

Deuteranopia

124.6050, 12.5197, -2.2846



Tritanopia

122.9540, 6.4317, -9.6067

Trichromacy



Original Color

123.6860, 12.9728, -7.6176

Protanomaly

123.3980, 13.1148, -6.4880

Deuteranomaly

124.2950, 12.6726, -4.6437

Tritanomaly

123.2360, 8.7577, -8.9770

Monochromacy



Original Color

123.6860, 12.9728, -7.6176

Achromatopsia

124.0000, 0.0000, 0.0000

Achromatomaly

124.1290, 4.3734, -2.7441

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.6860, 12.9728, -7.6176 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(115, 123, 150)` looks like.

```
.text, #text, p{  
    color:rgb(115, 123, 150)  
}
```

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(115, 123, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 123, 150) }
```

Border

The CSS property to change the border of an element to YUV 123.6860, 12.9728, -7.6176 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(115, 123, 150) }
```


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

```
.border{ border-color:rgb(115, 123, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 123, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 123, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 123, 150);  
box-shadow:4px 4px 4px 4px rgb(115, 123,  
150) }
```

Background

The CSS property to change the background color of an element to YUV 123.6860, 12.9728, -7.6176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 123, 150) }
```

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

```
.background{ background-color: rgb(115,  
123, 150) }
```

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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