

Converting Colors

YUV(119.8130, 23.7562,
-12.9910)

Have a look what the booklet for
YUV(119.8130, 23.7562, -12.9910)
contains.

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Color

**YUV(119.8130, 23.7562,
-12.9910)**

Conversions

Conversions Part 1

Format	Color
Hex	6976A8
RGB	105, 118, 168
RGB Percent	41%, 46%, 66%
CMY	0.5882, 0.5373, 0.3412
CMYK	0.38, 0.30, 0.00, 0.34
HSL	228°, 27%, 54%
HSV	228°, 38%, 66%
XYZ	19.3720, 18.7873, 39.6511
YIQ	119.8130, -23.7980, 12.7940

Conversions

Conversions Part 2

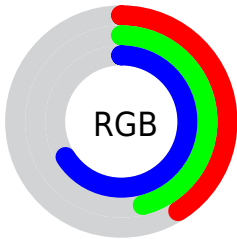
Format	Color
R _Y B	105, 116, 168
Decimal	6911656
CIE Lab	50.44, 7.88, -28.27
CIE LCh	50, 29.353, 285.575
Yxy	18.7873, 0.2490, 0.2414
Android (android.graphics.Color)	4285101736 (0xFF6976A8)
YUV	119.8130, 23.7562, -12.9910
Hunter-Lab	43.3443, 3.9251, -23.8971

Details

The YUV color **119.8130, 23.7562, -12.9910** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **153.1870, -23.7562, 12.9910**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.4540, 24.9192, -12.6762**, and **70.4600, 22.4512, -14.4354** is the 20% darker color. If you saturate the color by 10%, you get **107.0990, 30.0242, -16.7498**, and if you desaturate by 10%, it is **132.5270, 17.4882, -9.2322**.

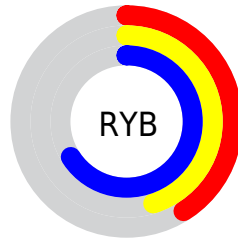
Distribution



Red (41%)

Green (46%)

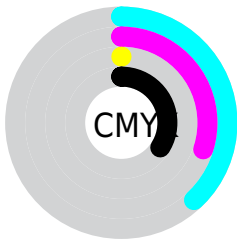
Blue (66%)



Red (41%)

Yellow (45%)

Blue (66%)

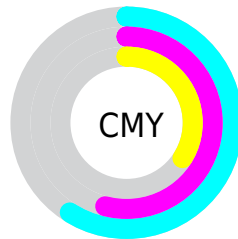


Cyan (38%)

Magenta (30%)

Yellow (0%)

Black (34%)



Cyan (59%)

Magenta (54%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.8130, 23.7562, -12.9910 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 119.8130, 23.7562, -12.9910 by changing the saturation by 10% instead.

■ 119.8130, 23.7562,
-12.9910

■ 119.8130, 23.7562,
-12.9910

■ 255.0000, 0.0000,
0.0000

■ 94.2860, 23.0300,
-13.4058

■ 172.4540, 24.9192,
-12.6762

■ 70.4600, 22.4512,
-14.4354

■ 199.9810, 25.6454,
-12.2613

■ 46.9220, 21.7305,
-16.5946

■ 225.1310, 14.7254,
-9.7619

■ 23.4870, 21.4519,
-20.5981

■ 250.8250, 2.0583,
-6.8625

■ 5.1300, 19.6559,
-4.4990

■ 3.2090, 9.7570,
-2.8143

■ 0.0000, 0.0000,

0.0000

■ 119.8130, 23.7562,
-12.9910

■ 119.8130, 23.7562,
-12.9910

■ 107.0990, 30.0242,
-16.7498

■ 132.5270, 17.4882,
-9.2322

■ 93.7980, 36.5816,
-19.9938

■ 145.8280, 10.9308,
-5.9882

■ 81.3830, 42.7022,
-23.1379

■ 158.2430, 4.8102,
-2.8441

■ 68.6690, 48.9702,
-26.8967

■ 170.9570, -1.4578,
0.9147

■ 55.3680, 55.5276,
-30.1407

■ 184.2580, -8.0152,
4.1587

■ 42.6540, 61.7956,
-33.8996

■ 196.9720,
-14.2832, 7.9176

■ 39.6970, 63.2534,
-34.8143

■ 209.6860,
-20.5512, 11.6764

■ 222.6880,
-26.9612, 14.3056

■ 235.1030,
-33.0818, 17.4497

Harmonies

Analogous

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



111.6520, 27.7796, -43.5448



119.8130, 23.7562, -12.9910



123.2140, 15.6705, 13.8443

Triad

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



119.8130, 23.7562, -12.9910



120.6490, -17.5750, 37.1418



109.1060, -1.0383, -40.4350

Complementary

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



119.8130, 23.7562, -12.9910



153.1870, -23.7562, 12.9910

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.



113.7040, -14.6441, -16.4034



119.8130, 23.7562, -12.9910



119.0790, -23.2099, 24.4867

Square

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



119.8130, 23.7562, -12.9910



122.1300, -6.9661, 41.1050



117.3710, -22.8609, 5.8136



101.0070, 15.7725, -65.7811

Rectangle

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



119.8130, 23.7562, -12.9910



123.4670, 8.6438, 27.6544



117.3710, -22.8609, 5.8136



111.1950, -6.0121, -31.7430

Sweetspot

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



119.8130, 23.7562, -12.9910



200.6710, 9.0362, -4.9735



147.5670, 3.1715, -37.3313



98.4710, 5.6838, -3.0441



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



119.8130, 23.7562, -12.9910



143.9120, 37.0184, -20.0938



117.5640, 24.8649, 4.7674



77.4990, 3.2050, -1.3146



35.0690, 55.6750, -30.7555



4.6280, 7.5784, -4.0588

Inverse Universe

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



125.3190, -3.6083, 37.4312



152.5820, -5.7099, 58.2486



155.4360, -24.8649, -4.7674



78.5060, -0.7425, 4.8182



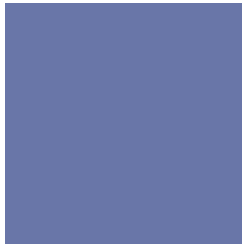
47.7860, -8.2755, 87.8877



6.4360, -1.2009, 11.8956

Previews

White Background



This preview shows how the YUV color 119.8130, 23.7562, -12.9910 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 119.8130, 23.7562, -12.9910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

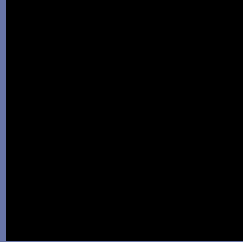
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

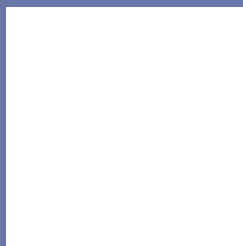
Any Text WCAG AAA × Fail

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

YUV 119.8130, 23.7562, -12.9910 Background



This preview shows how black text looks on a background with the YUV color 119.8130, 23.7562, -12.9910.



This preview shows how white text looks on a background with the YUV color 119.8130, 23.7562, -12.9910.

-12.9910.

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

119.8130, 23.7562, -12.9910

Protanopia

119.5140, 23.9036, -13.6058

Deuteranopia

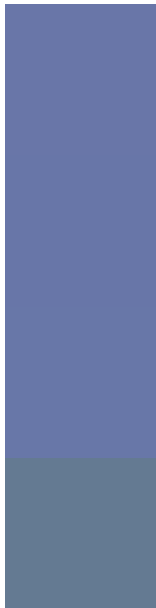
119.8020, 23.7616, -14.7354



Tritanopia

117.0670, 8.3480, -17.5988

Trichromacy



Original Color

119.8130, 23.7562, -12.9910

Protanomaly

119.5140, 23.9036, -13.6058

Deuteranomaly

120.1010, 23.6142, -14.1206

Tritanomaly

118.1580, 13.7261, -15.9246

Monochromacy



Original Color

119.8130, 23.7562, -12.9910

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

119.8560, 8.4520, -4.2587

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.8130, 23.7562, -12.9910 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(105, 118, 168)` looks like.

```
.text, #text, p{  
    color:rgb(105, 118, 168)  
}
```

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(105, 118, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 118, 168) }
```

Border

The CSS property to change the border of an element to YUV 119.8130, 23.7562, -12.9910 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(105, 118, 168) }
```


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

```
.border{ border-color:rgb(105, 118, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 118, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 118, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 118, 168);  
box-shadow:4px 4px 4px 4px rgb(105, 118,  
168) }
```

Background

The CSS property to change the background color of an element to YUV 119.8130, 23.7562, -12.9910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 118, 168) }
```

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

```
.background{ background-color: rgb(105,  
118, 168) }
```

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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