

Converting Colors

YUV(116.7860, 1.0915,
-23.4913)

Have a look what the booklet for
YUV(116.7860, 1.0915, -23.4913)
contains.

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Color

**YUV(116.7860, 1.0915,
-23.4913)**

Conversions

Conversions Part 1

Format	Color
Hex	5A8277
RGB	90, 130, 119
RGB Percent	35%, 51%, 47%
CMY	0.6471, 0.4902, 0.5333
CMYK	0.31, 0.00, 0.08, 0.49
HSL	164°, 18%, 43%
HSV	164°, 31%, 51%
XYZ	15.5289, 19.4708, 20.3926
YIQ	116.7860, -20.3090, -11.9010

Conversions

Conversions Part 2

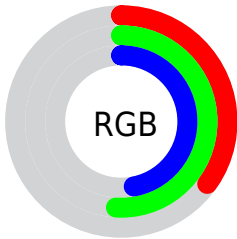
Format	Color
R_{YB}	90, 113, 130
Decimal	5931639
CIE _{Lab}	51.23, -16.46, 1.49
CIE _{LCh}	51, 16.527, 174.822
Yxy	19.4708, 0.2803, 0.3515
Android (android.graphics.Color)	4284121719 (0xFF5A8277)
YUV	116.7860, 1.0915, -23.4913
Hunter-Lab	44.1258, -14.4019, 3.4874

Details

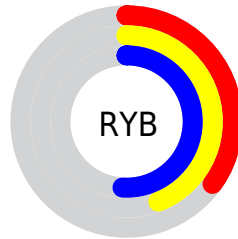
The YUV color **116.7860, 1.0915, -23.4913** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **103.2140, -1.0915, 23.4913**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.0740, 0.9495, -24.6209**, and **67.6120, 1.6703, -22.4617** is the 20% darker color. If you saturate the color by 10%, you get **112.4430, 1.2606, -31.0835**, and if you desaturate by 10%, it is **121.1290, 0.9224, -15.8991**.

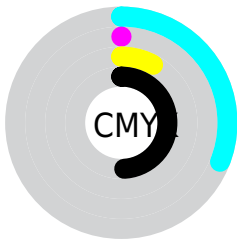
Distribution



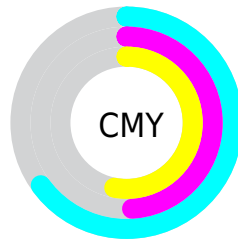
- Red (35%)
- Green (51%)
- Blue (47%)



- Red (35%)
- Yellow (44%)
- Blue (51%)



- Cyan (31%)
- Magenta (0%)
- Yellow (8%)
- Black (49%)



- Cyan (65%)
- Magenta (49%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.7860, 1.0915, -23.4913 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 116.7860, 1.0915, -23.4913 by changing the saturation by 10% instead.

■ 116.7860, 1.0915,
-23.4913

■ 116.7860, 1.0915,
-23.4913

■ 255.0000, 0.0000,
0.0000

■ 92.0850, 0.9441,
-22.8765

■ 169.0740, 0.9495,
-24.6209

■ 67.6120, 1.6703,
-22.4617

■ 196.6610, 0.6601,
-25.1357

■ 44.3130, 1.8177,
-23.0765

■ 224.6610, 0.6601,
-25.1357

■ 24.3240, 1.8123,
-21.3321

■ 245.7310, 4.5696,
-19.0581

■ 5.3970, -2.1677,
-4.7332

■ 254.4020, 0.2948,
-1.2296

■ 0.0000, 0.0000,
0.0000

■ 116.7860, 1.0915,
-23.4913

■ 116.7860, 1.0915,
-23.4913

■ 112.4430, 1.2606,
-31.0835

■ 121.1290, 0.9224,
-15.8991

■ 108.2140, 1.8665,
-38.7757

■ 125.3580, 0.3165,
-8.2070

■ 103.8710, 2.0356,
-46.3679

■ 129.7010, 0.1474,
-0.6148

■ 99.6420, 2.6415,
-54.0600

■ 133.9300, -0.4585,
7.0774

■ 95.2990, 2.8106,
-61.6522

■ 138.2730, -0.6276,
14.6696

■ 91.0700, 3.4165,
-69.3444

■ 142.5020, -1.2335,
22.3617

■ 87.0260, 3.4382,
-76.3218

■ 146.8450, -1.4026,
29.9539

■ 151.1880, -1.5717,

37.5461

■ 155.4170, -2.1776,
45.2383

Harmonies

Analogous

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



118.2020, -6.5086, -12.4552



116.7860, 1.0915, -23.4913



116.2890, 8.2385, -29.1945

Triad

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



116.7860, 1.0915, -23.4913



122.9040, 12.3723, -1.6698



123.1460, -11.4110, 20.0430

Complementary

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



116.7860, 1.0915, -23.4913



103.2140, -1.0915, 23.4913

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.



124.1340, -6.4751, 23.5615



116.7860, 1.0915, -23.4913



124.4990, 6.6560, 11.8404

Square

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



116.7860, 1.0915, -23.4913



120.3860, 14.5997, -16.1245



124.5450, 0.2243, 21.4470



121.5210, -13.5679, 11.8211

Rectangle

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



116.7860, 1.0915, -23.4913



116.9130, 11.8749, -28.8647



124.5450, 0.2243, 21.4470



123.2110, -9.9640, 22.6170

Sweetspot

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



116.7860, 1.0915, -23.4913



163.0590, 0.4639, -8.8217



116.7690, -13.1971, -13.8294



81.0810, 0.4531, -5.3330



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



116.7860, 1.0915, -23.4913



147.5240, 1.7137, -36.4165



112.7570, 8.5008, -19.9579



61.6790, 0.1583, -4.1035



85.6240, 3.1434, -75.0922



0.0000, 0.0000, 0.0000

Inverse Universe

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



103.2140, -1.0915, 23.4913



126.4760, -1.7137, 36.4165



107.2430, -8.5008, 19.9579



59.3210, -0.1583, 4.1035



42.2620, -3.5802, 75.1922



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 116.7860, 1.0915, -23.4913 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 116.7860, 1.0915, -23.4913 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

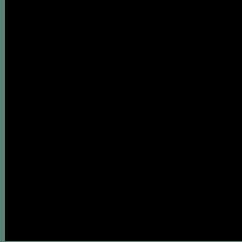
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 116.7860, 1.0915, -23.4913

Background



This preview shows how black text looks on a background with the YUV color 116.7860, 1.0915, -23.4913.



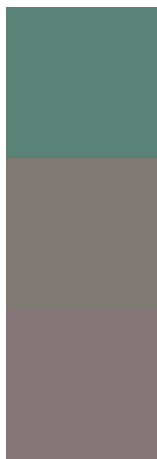
This preview shows how white text looks on a background with the YUV color 116.7860, 1.0915, -23.4913.

-23.4913.

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

116.7860, 1.0915, -23.4913

Protanopia

121.6970, -3.7946, 3.7737

Deuteranopia

122.9410, -0.4639, 8.8217



Tritanopia

118.2730, 9.2324, -21.2874

Trichromacy



Original Color

116.7860, 1.0915, -23.4913

Protanomaly

119.7990, -1.8729, -5.9627

Deuteranomaly

120.3910, 0.3002, -2.9739

Tritanomaly

117.7630, 6.0328, -21.7172

Monochromacy



Original Color

116.7860, 1.0915, -23.4913

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

117.0590, 0.4639, -8.8217

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.7860, 1.0915, -23.4913 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(90, 130, 119)` looks like.

```
.text, #text, p{  
    color:rgb(90, 130, 119)  
}
```

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(90, 130, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 130, 119) }
```

Border

The CSS property to change the border of an element to YUV 116.7860, 1.0915, -23.4913 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(90, 130, 119) }
```


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

```
.border{ border-color:rgb(90, 130, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 130, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 130, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 130, 119);  
box-shadow:4px 4px 4px 4px rgb(90, 130,  
119) }
```

Background

The CSS property to change the background color of an element to YUV 116.7860, 1.0915, -23.4913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 130, 119) }
```

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

```
.background{ background-color: rgb(90, 130,  
119) }
```

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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