

Converting Colors

YUV(107.0900, 23.6196,
-15.8649)

Have a look what the booklet for
YUV(107.0900, 23.6196, -15.8649)
contains.

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Color

**YUV(107.0900, 23.6196,
-15.8649)**

Conversions

Conversions Part 1

Format	Color
Hex	596B9B
RGB	89, 107, 155
RGB Percent	35%, 42%, 61%
CMY	0.6510, 0.5804, 0.3922
CMYK	0.43, 0.31, 0.00, 0.39
HSL	224°, 27%, 48%
HSV	224°, 43%, 61%
XYZ	15.2939, 15.0058, 33.1007
YIQ	107.0900, -26.1360, 11.1120

Conversions

Conversions Part 2

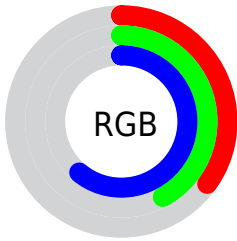
Format	Color
R _Y B	89, 103, 155
Decimal	5860251
CIE Lab	45.64, 6.26, -28.20
CIE LCh	46, 28.885, 282.508
Yxy	15.0058, 0.2412, 0.2367
Android (android.graphics.Color)	4284050331 (0xFF596B9B)
YUV	107.0900, 23.6196, -15.8649
Hunter-Lab	38.7373, 2.6834, -23.5466

Details

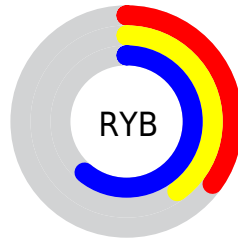
The YUV color **107.0900, 23.6196, -15.8649** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **136.9100, -23.6196, 15.8649**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.1440, 25.0720, -15.0353**, and **58.4380, 22.4621, -17.9241** is the 20% darker color. If you saturate the color by 10%, you get **96.1480, 29.0140, -19.4238**, and if you desaturate by 10%, it is **118.3310, 18.0778, -11.6913**.

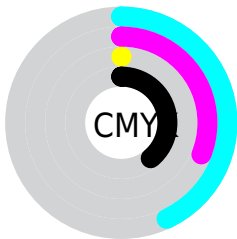
Distribution



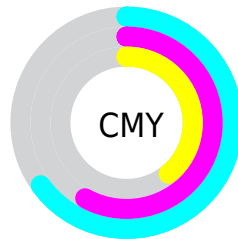
- Red (35%)
- Green (42%)
- Blue (61%)



- Red (35%)
- Yellow (40%)
- Blue (61%)



- Cyan (43%)
- Magenta (31%)
- Yellow (0%)
- Black (39%)



- Cyan (65%)
- Magenta (58%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 107.0900, 23.6196, -15.8649 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 107.0900, 23.6196, -15.8649 by changing the saturation by 10% instead.

■ 107.0900, 23.6196,
-15.8649

■ 107.0900, 23.6196,
-15.8649

■ 255.0000, 0.0000,
0.0000

■ 82.2640, 23.0408,
-16.8945

■ 159.1440, 25.0720,
-15.0353

■ 58.4380, 22.4621,
-17.9241

■ 186.2580, 25.5088,
-15.1353

■ 33.6930, 22.3364,
-24.2868

■ 213.0040, 20.7040,
-14.0355

■ 16.9500, 19.2516,
-14.8651

■ 237.8120, 8.4737,
-11.2361

■ 5.0500, 14.2723,
-4.4289

■ 254.7010, 0.1474,
-0.6148

■ 0.9120, 3.4944,
-0.7998

■ 0.0000, 0.0000,

0.0000

■ 107.0900, 23.6196,
-15.8649

■ 107.0900, 23.6196,
-15.8649

■ 96.1480, 29.0140,
-19.4238

■ 118.3310, 18.0778,
-11.6913

■ 84.3200, 34.8452,
-23.0826

■ 129.8600, 12.3940,
-8.6472

■ 73.0790, 40.3871,
-27.2563

■ 141.1010, 6.8522,
-4.4736

■ 62.1370, 45.7815,
-30.8151

■ 152.0430, 1.4578,
-0.9147

■ 51.1950, 51.1759,
-34.3740

■ 163.2840, -4.0840,
3.2589

■ 42.3240, 55.5493,
-37.1181

■ 174.8130, -9.7678,
6.3030

■ 185.7550,
-15.1622, 9.8619

■ 196.9960,
-20.7040, 14.0355

■ 207.9380,
-26.0984, 17.5944

Harmonies

Analogous

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



98.2170, 27.5010, -47.5483



107.0900, 23.6196, -15.8649



111.0180, 16.2601, 11.3852

Triad

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



107.0900, 23.6196, -15.8649



109.1050, -15.8278, 36.7419



97.7860, -2.3595, -36.6463

Complementary

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



107.0900, 23.6196, -15.8649



136.9100, -23.6196, 15.8649

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.



102.3130, -14.9443, -13.4295



107.0900, 23.6196, -15.8649



107.6060, -22.4838, 24.9015

Square

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



107.0900, 23.6196, -15.8649



109.8740, -5.3609, 39.5755



105.4960, -22.4295, 7.4580



87.1700, 15.1992, -68.5551

Rectangle

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



107.0900, 23.6196, -15.8649



111.3850, 9.6702, 25.0954



105.4960, -22.4295, 7.4580



99.5760, -7.1860, -28.5692

Sweetspot

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



107.0900, 23.6196, -15.8649



182.0730, 9.3310, -6.2030



133.1000, 1.4297, -38.6757



90.1720, 5.8312, -3.6588



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



107.0900, 23.6196, -15.8649



127.0640, 36.4504, -24.6121



100.7100, 26.7650, 2.0083



71.0860, 2.9156, -1.8294



38.2660, 50.1549, -33.5593



3.2430, 4.8102, -2.8441

Inverse Universe

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



110.7860, -1.8665, 38.7757



132.6900, -2.8052, 59.9079



143.2900, -26.7650, -2.0083



71.6200, -0.3057, 4.7183



46.1920, -4.0387, 82.2696



4.2290, -0.6059, 7.6922

Previews

White Background



This preview shows how the YUV color 107.0900, 23.6196, -15.8649 looks on a white background.

Color Contrast Check

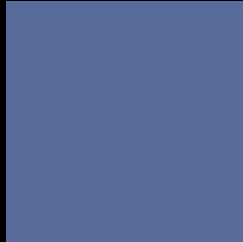
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 107.0900, 23.6196, -15.8649 looks on a black 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

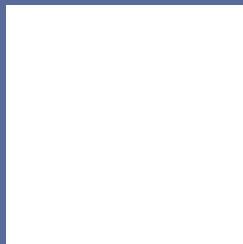
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 107.0900, 23.6196, -15.8649

Background



This preview shows how black text looks on a background with the YUV color 107.0900, 23.6196, -15.8649.



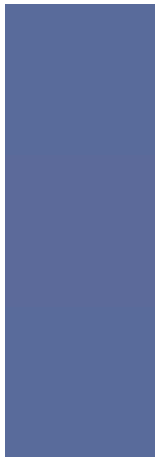
This preview shows how white text looks on a background with the YUV color 107.0900, 23.6196, -15.8649.

-15.8649.

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

107.0900, 23.6196, -15.8649

Protanopia

107.2860, 23.0300, -13.4058

Deuteranopia

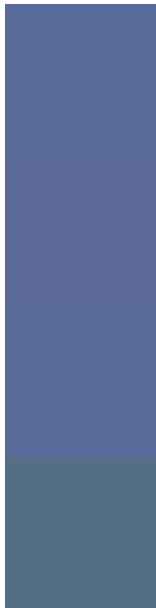
107.0900, 23.6196, -15.8649



Tritanopia

104.1590, 8.7956, -21.1874

Trichromacy



Original Color

107.0900, 23.6196, -15.8649

Protanomaly

106.9870, 23.1774, -14.0206

Deuteranomaly

107.0900, 23.6196, -15.8649

Tritanomaly

105.2500, 14.1738, -19.5132

Monochromacy



Original Color

107.0900, 23.6196, -15.8649

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

106.8450, 8.4574, -6.0031

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.0900, 23.6196, -15.8649 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(89, 107, 155)` looks like.

```
.text, #text, p{  
    color:rgb(89, 107, 155)  
}
```

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(89, 107, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 107, 155) }
```

Border

The CSS property to change the border of an element to YUV 107.0900, 23.6196, -15.8649 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(89, 107, 155) }
```


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

```
.border{ border-color:rgb(89, 107, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 107, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 107, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 107, 155);  
box-shadow:4px 4px 4px 4px rgb(89, 107,  
155) }
```

Background

The CSS property to change the background color of an element to YUV 107.0900, 23.6196, -15.8649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 107, 155) }
```

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

```
.background{ background-color: rgb(89, 107,  
155) }
```

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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