

Converting Colors

YUV(126.5870, 13.0216,
-23.3168)

Have a look what the booklet for
YUV(126.5870, 13.0216, -23.3168)
contains.

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Color

**YUV(126.5870, 13.0216,
-23.3168)**

Conversions

Conversions Part 1

Format	Color
Hex	648799
RGB	100, 135, 153
RGB Percent	39%, 53%, 60%
CMY	0.6078, 0.4706, 0.4000
CMYK	0.35, 0.12, 0.00, 0.40
HSL	200°, 21%, 50%
HSV	200°, 35%, 60%
XYZ	19.6693, 22.3372, 33.4118
YIQ	126.5870, -26.6380, -1.8220

Conversions

Conversions Part 2

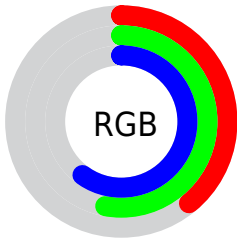
Format	Color
RYB	100, 121, 153
Decimal	6588313
CIELab	54.38, -7.63, -13.55
CIELCh	54, 15.549, 240.622
Yxy	22.3372, 0.2608, 0.2962
Android (android.graphics.Color)	4284778393 (0xFF648799)
YUV	126.5870, 13.0216, -23.3168
Hunter-Lab	47.2622, -8.4220, -8.8312

Details

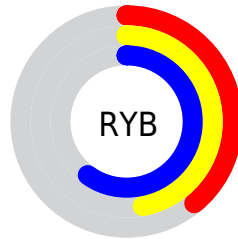
The YUV color **126.5870, 13.0216, -23.3168** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **126.4130, -13.0216, 23.3168**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.4020, 13.6058, -24.0316**, and **76.4730, 12.5848, -23.2168** is the 20% darker color. If you saturate the color by 10%, you get **119.1670, 16.6797, -29.9645**, and if you desaturate by 10%, it is **134.0070, 9.3635, -16.6691**.

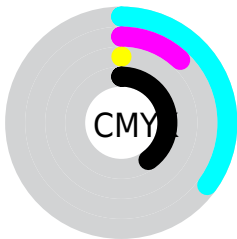
Distribution



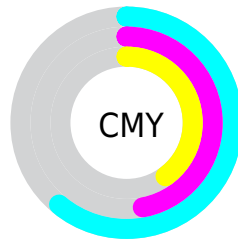
- Red (39%)
- Green (53%)
- Blue (60%)



- Red (39%)
- Yellow (47%)
- Blue (60%)



- Cyan (35%)
- Magenta (12%)
- Yellow (0%)
- Black (40%)



- Cyan (61%)
- Magenta (47%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 126.5870, 13.0216, -23.3168 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 126.5870, 13.0216, -23.3168 by changing the saturation by 10% instead.

■ 126.5870, 13.0216,
-23.3168

■ 126.5870, 13.0216,
-23.3168

■ 255.0000, 0.0000,
0.0000

■ 101.4730, 12.5848,
-23.2168

■ 179.4020, 13.6058,
-24.0316

■ 76.4730, 12.5848,
-23.2168

■ 207.5160, 14.0426,
-24.1315

■ 52.7610, 12.4428,
-24.3464

■ 234.4900, 10.1114,
-23.2317

■ 29.7500, 12.4483,
-26.0907

■ 249.3190, 2.8007,
-11.6808

■ 15.6160, 9.0633,
-13.6952

■ 1.0260, 3.9312,
-0.8998

■ 0.0000, 0.0000,

0.0000

■ 126.5870, 13.0216,
-23.3168

■ 126.5870, 13.0216,
-23.3168

■ 119.1670, 16.6797,
-29.9645

■ 134.0070, 9.3635,
-16.6691

■ 111.4480, 20.4851,
-37.2269

■ 141.7260, 5.5581,
-9.4067

■ 103.4410, 24.4326,
-43.3598

■ 149.7330, 1.6106,
-3.2738

■ 96.0210, 28.0906,
-50.0074

■ 157.1530, -2.0474,
3.3738

■ 88.3020, 31.8961,
-57.2699

■ 164.5730, -5.7055,
10.0215

■ 80.8820, 35.5542,
-63.9175

■ 172.2920, -9.5110,
17.2839

■ 76.7290, 37.6016,
-67.2913

■ 179.7120,
-13.1690, 23.9316

■ 187.7190,
-17.1165, 30.0644

■ 195.4380,
-20.9219, 37.3269

Harmonies

Analogous

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



124.8270, 8.9593, -27.0353



126.5870, 13.0216, -23.3168



129.1800, 13.7153, -12.4359

Triad

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



126.5870, 13.0216, -23.3168



132.7900, -1.3755, 21.2322



127.6440, -10.1775, -2.3188

Complementary

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



126.5870, 13.0216, -23.3168



126.4130, -13.0216, 23.3168

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.



129.3250, -12.9782, 9.3620



126.5870, 13.0216, -23.3168



132.1940, -7.4906, 22.6319

Square

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



126.5870, 13.0216, -23.3168



132.7550, 5.0508, 13.3699



131.0210, -11.8424, 18.3986



126.0600, -4.4666, -14.0846

Rectangle

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



126.5870, 13.0216, -23.3168



130.7790, 11.9410, -3.3142



131.0210, -11.8424, 18.3986



128.6230, -11.6461, 2.0846

Sweetspot

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



126.5870, 13.0216, -23.3168



188.9110, 4.9739, -8.6919



133.1630, -7.4754, -29.0840



93.3630, 2.7790, -4.7034



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



126.5870, 13.0216, -23.3168



157.4480, 20.4851, -37.2269



111.3250, 20.5458, -9.9320



72.8470, 2.0474, -3.3738



70.5510, 34.2384, -61.8732



6.1780, 3.3632, -5.4181

Inverse Universe

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



119.8370, 7.4754, 29.0840



146.5000, 12.0785, 46.0425



141.6750, -20.5458, 9.9320



71.9620, 1.0047, 4.4183



52.4620, 19.9852, 76.7708



4.7990, 1.5781, 7.1923

Previews

White Background



This preview shows how the YUV color 126.5870, 13.0216, -23.3168 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 126.5870, 13.0216, -23.3168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

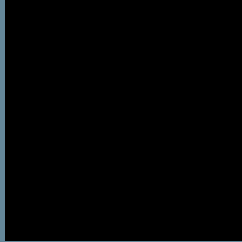
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

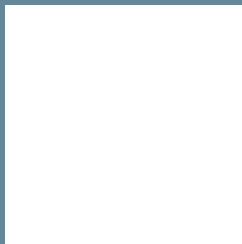
Any Text WCAG AAA × Fail

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

YUV 126.5870, 13.0216, -23.3168 Background



This preview shows how black text looks on a background with the YUV color 126.5870, 13.0216, -23.3168.



This preview shows how white text looks on a background with the YUV color 126.5870, 13.0216, -23.3168.

-23.3168.

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

126.5870, 13.0216, -23.3168

Protanopia

130.3830, 9.1782, -3.8439

Deuteranopia

131.0890, 11.7881, -0.9551



Tritanopia

126.1910, 10.2588, -23.8465

Trichromacy



Original Color

126.5870, 13.0216, -23.3168

Protanomaly

128.9800, 10.3629, -10.5065

Deuteranomaly

129.4470, 12.1046, -9.1620

Tritanomaly

126.4190, 11.1324, -24.0465

Monochromacy



Original Color

126.5870, 13.0216, -23.3168

Achromatopsia

127.0000, 0.0000, 0.0000

Achromatomaly

126.7970, 4.5371, -8.5920

CSS Examples

Text

The CSS property to change the color of the text to YUV 126.5870, 13.0216, -23.3168 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(100, 135, 153)` looks like.

```
.text, #text, p{  
    color:rgb(100, 135, 153)  
}
```

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(100, 135, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 135, 153) }
```

Border

The CSS property to change the border of an element to YUV 126.5870, 13.0216, -23.3168 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(100, 135, 153) }
```


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

```
.border{ border-color:rgb(100, 135, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 135, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 135, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 135, 153);  
box-shadow:4px 4px 4px 4px rgb(100, 135,  
153) }
```

Background

The CSS property to change the background color of an element to YUV 126.5870, 13.0216, -23.3168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 135, 153) }
```

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

```
.background{ background-color: rgb(100,  
135, 153) }
```

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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