

Converting Colors

YUV(23.6680, 0.1637, -5.8478)

Have a look what the booklet for
YUV(23.6680, 0.1637, -5.8478)
contains.

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Color

**YUV(23.6680, 0.1637,
-5.8478)**

Conversions

Conversions Part 1

Format	Color
Hex	111B18
RGB	17, 27, 24
RGB Percent	7%, 11%, 9%
CMY	0.9333, 0.8941, 0.9059
CMYK	0.37, 0.00, 0.11, 0.89
HSL	162°, 23%, 9%
HSV	162°, 37%, 11%
XYZ	0.7880, 0.9690, 1.0097
YIQ	23.6680, -4.9970, -3.0530

Conversions

Conversions Part 2

Format	Color
R_{YB}	17, 23, 27
Decimal	1121048
CIE Lab	8.73, -5.35, 0.62
CIE LCh	9, 5.388, 173.386
Yxy	0.9690, 0.2848, 0.3502
Android (android.graphics.Color)	4279311128 (0xFF111B18)
YUV	23.6680, 0.1637, -5.8478
Hunter-Lab	9.8437, -2.9379, 0.8093

Details

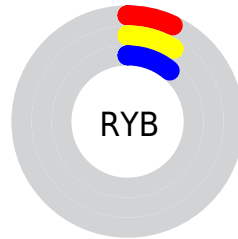
The YUV color **23.6680, 0.1637, -5.8478** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **20.3320, -0.1637, 5.8478**, and the grayscale version is **24.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **66.3690, 0.3111, -6.4626**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **22.6570, 0.1691, -7.5922**, and if you desaturate by 10%, it is **24.6790, 0.1583, -4.1035**.

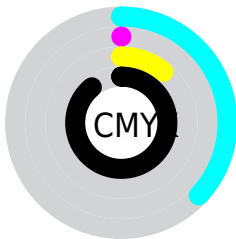
Distribution



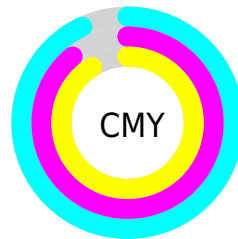
- Red (7%)
- Green (11%)
- Blue (9%)



- Red (7%)
- Yellow (9%)
- Blue (11%)



- Cyan (37%)
- Magenta (0%)
- Yellow (11%)
- Black (89%)



- Cyan (93%)
- Magenta (89%)
- Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 23.6680, 0.1637, -5.8478 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 23.6680, 0.1637, -5.8478 by changing the saturation by 10% instead.

■ 23.6680, 0.1637,
-5.8478

■ 23.6680, 0.1637,
-5.8478

■ 250.2440, -0.1203,
-8.1070

■ 0.0000, 0.0000,
0.0000

■ 66.3690, 0.3111,
-6.4626

■ 89.9560, 0.0217,
-6.9774

■ 114.0700, 0.4585,
-7.0774

■ 139.9560, 0.0217,
-6.9774

■ 166.5430, -0.2677,
-7.4922

■ 193.5430, -0.2677,

-7.4922

■ 221.2440, -0.1203,
-8.1070

■ 23.6680, 0.1637,
-5.8478

■ 23.6680, 0.1637,
-5.8478

■ 22.6570, 0.1691,
-7.5922

■ 24.6790, 0.1583,
-4.1035

■ 21.9450, 0.0271,
-8.7218

■ 25.3910, 0.3002,
-2.9739

■ 21.0480, 0.4693,
-10.5661

■ 26.2880, -0.1420,
-1.1296

■ 20.0370, 0.4748,
-12.3104

■ 27.2990, -0.1474,
0.6148

■ 19.3250, 0.3328,
-13.4400

■ 28.0110, -0.0054,
1.7444

■ 18.3140, 0.3382,
-15.1844

■ 29.0220, -0.0108,
3.4887

■ 18.0150, 0.4856,
-15.7992

■ 30.0330, -0.0163,
5.2331

■ 30.9300, -0.4585,
7.0774

■ 31.6420, -0.3165,
8.2070

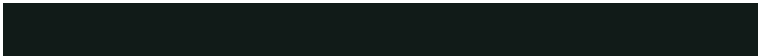
Harmonies

Analogous

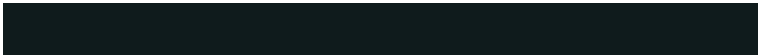
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



23.8210, -1.8838, -2.4740



23.6680, 0.1637, -5.8478



23.5260, 2.2057, -7.4773

Triad

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



23.6680, 0.1637, -5.8478



25.0970, 2.9102, -0.0851



24.9360, -2.9264, 5.3181

Complementary

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



23.6680, 0.1637, -5.8478



20.3320, -0.1637, 5.8478

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.



25.5770, -1.7635, 5.6330



23.6680, 0.1637, -5.8478



25.4780, 1.7363, 3.0888

Square

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



23.6680, 0.1637, -5.8478



24.8900, 3.5052, -4.2885



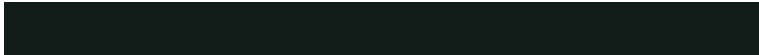
26.0330, -0.0163, 5.2331



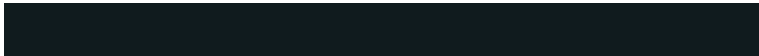
24.6970, -3.7946, 3.7737

Rectangle

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



23.6680, 0.1637, -5.8478



24.0530, 2.9319, -7.0625



26.0330, -0.0163, 5.2331



25.3490, -2.6371, 5.8329

Sweetspot

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



23.6680, 0.1637, -5.8478



34.6900, 0.1528, -2.3591



23.7670, -3.3361, -3.3037



17.2880, -0.1420, -1.1296



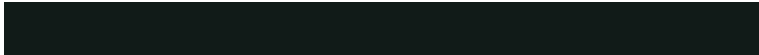
145.0000, 0.0000, 0.0000



18.0000, 0.0000, 0.0000

Same Dimension

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



23.6680, 0.1637, -5.8478



30.6460, 0.1745, -9.3365



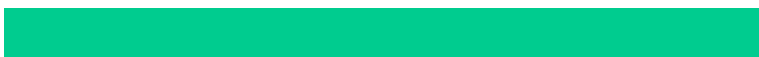
22.8360, 2.0529, -5.1182



12.2880, -0.1420, -1.1296



51.3550, 1.3040, -45.0383



136.0500, 3.4264, -119.3158

Inverse Universe

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



20.3320, -0.1637, 5.8478



25.3540, -0.1745, 9.3365



21.1640, -2.0529, 5.1182



11.7120, 0.1420, 1.1296



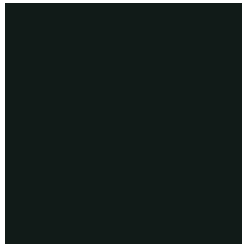
25.6450, -1.3040, 45.0383



67.9500, -3.4263, 119.3159

Previews

White Background



This preview shows how the YUV color 23.6680, 0.1637, -5.8478 looks on a white background.

Color Contrast Check

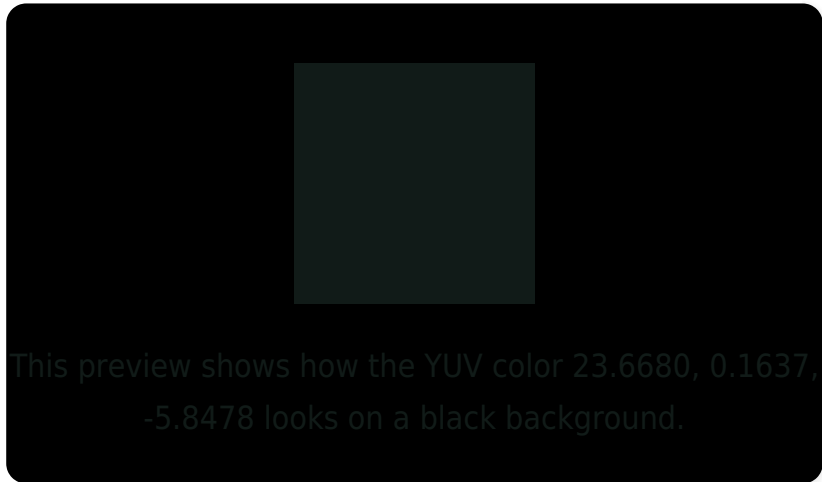
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

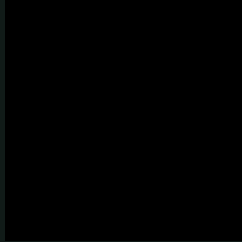
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

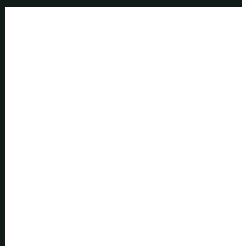
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 23.6680, 0.1637, -5.8478

Background



This preview shows how black text looks on a background with the YUV color 23.6680, 0.1637, -5.8478.



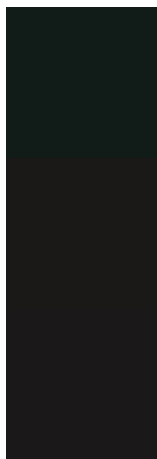
This preview shows how white text looks on a background with the YUV color 23.6680, 0.1637, -5.8478.

-5.8478.

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

23.6680, 0.1637, -5.8478

Protanopia

25.0710, -1.0210, 0.8147

Deuteranopia

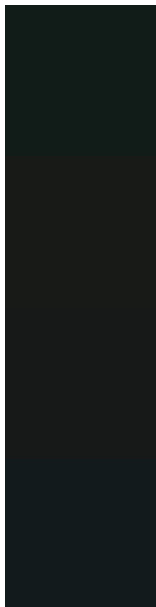
25.0110, -0.0054, 1.7444



Tritanopia

23.8360, 2.0529, -5.1182

Trichromacy



Original Color

23.6680, 0.1637, -5.8478

Protanomaly

24.7610, -0.8682, -1.5444

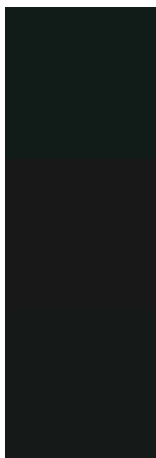
Deuteranomaly

24.4020, 0.2948, -1.2296

Tritanomaly

23.7220, 1.6161, -5.0182

Monochromacy



Original Color

23.6680, 0.1637, -5.8478

Achromatopsia

24.0000, 0.0000, 0.0000

Achromatomaly

23.6900, 0.1528, -2.3591

CSS Examples

Text

The CSS property to change the color of the text to YUV 23.6680, 0.1637, -5.8478 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(17, 27, 24)` looks like.

```
.text, #text, p{  
    color:rgb(17, 27, 24)  
}
```

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(17, 27, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 27, 24) }
```

Border

The CSS property to change the border of an element to YUV 23.6680, 0.1637, -5.8478 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(17, 27, 24) }
```


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

```
.border{ border-color:rgb(17, 27, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(17, 27, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 27, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 27, 24);  
box-shadow:4px 4px 4px 4px rgb(17, 27, 24)  
}
```

Background

The CSS property to change the background color of an element to YUV 23.6680, 0.1637, -5.8478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 27, 24) }
```

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

```
.background{ background-color: rgb(17, 27,  
24) }
```

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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