

Converting Colors

YUV(120.3130, 1.8177,
-23.0765)

Have a look what the booklet for
YUV(120.3130, 1.8177, -23.0765)
contains.

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Color

**YUV(120.3130, 1.8177,
-23.0765)**

Conversions

Conversions Part 1

Format	Color
Hex	5E857C
RGB	94, 133, 124
RGB Percent	37%, 52%, 49%
CMY	0.6314, 0.4784, 0.5137
CMYK	0.29, 0.00, 0.07, 0.48
HSL	166°, 17%, 45%
HSV	166°, 29%, 52%
XYZ	16.6417, 20.6100, 22.1698
YIQ	120.3130, -20.3550, -11.0670

Conversions

Conversions Part 2

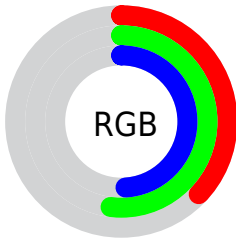
Format	Color
R_{YB}	94, 116, 133
Decimal	6194556
CIE _{Lab}	52.52, -15.62, 0.48
CIE _{LCh}	53, 15.632, 178.250
Yxy	20.6100, 0.2801, 0.3468
Android (android.graphics.Color)	4284384636 (0xFF5E857C)
YUV	120.3130, 1.8177, -23.0765
Hunter-Lab	45.3982, -14.0138, 2.8250

Details

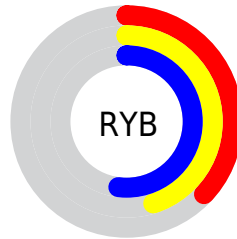
The YUV color **120.3130, 1.8177, -23.0765** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **106.6870, -1.8177, 23.0765**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.6010, 1.6757, -24.2061**, and **71.0250, 1.9597, -21.9469** is the 20% darker color. If you saturate the color by 10%, you get **116.0840, 2.4236, -30.7687**, and if you desaturate by 10%, it is **124.5420, 1.2118, -15.3843**.

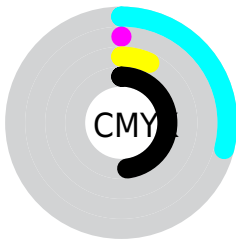
Distribution



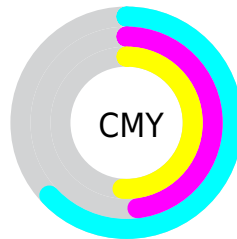
- Red (37%)
- Green (52%)
- Blue (49%)



- Red (37%)
- Yellow (45%)
- Blue (52%)



- Cyan (29%)
- Magenta (0%)
- Yellow (7%)
- Black (48%)



- Cyan (63%)
- Magenta (48%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.3130, 1.8177, -23.0765 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 120.3130, 1.8177, -23.0765 by changing the saturation by 10% instead.

■ 120.3130, 1.8177,
-23.0765

■ 120.3130, 1.8177,
-23.0765

■ 255.0000, 0.0000,
0.0000

■ 95.3130, 1.8177,
-23.0765

■ 172.6010, 1.6757,
-24.2061

■ 71.0250, 1.9597,
-21.9469

■ 200.3020, 1.8231,
-24.8209

■ 47.8400, 2.5439,
-22.6617

■ 228.3020, 1.8231,
-24.8209

■ 25.9540, 2.9807,
-22.7617

■ 246.9270, 3.9800,
-16.5990

■ 10.3040, -1.1359,
-9.0366

■ 0.0000, 0.0000,
0.0000

■ 120.3130, 1.8177,
-23.0765

■ 120.3130, 1.8177,
-23.0765

■ 116.0840, 2.4236,
-30.7687

■ 124.5420, 1.2118,
-15.3843

■ 111.5560, 3.1769,
-39.0756

■ 129.0700, 0.4585,
-7.0774

■ 107.3270, 3.7828,
-46.7678

■ 133.2990, -0.1474,
0.6148

■ 103.0980, 4.3887,
-54.4599

■ 137.5280, -0.7533,
8.3069

■ 98.5700, 5.1420,
-62.7669

■ 142.0560, -1.5066,
16.6139

■ 94.3410, 5.7479,
-70.4591

■ 146.2850, -2.1125,
24.3061

■ 90.1120, 6.3538,
-78.1512

■ 150.5140, -2.7184,
31.9982

■ 89.6990, 6.0644,

■ 154.8570, -2.8875,

-78.6660

39.5904

 159.3850, -3.6408,
47.8974

Harmonies

Analogous

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



121.5440, -5.1982, -12.7551



120.3130, 1.8177, -23.0765



120.3000, 8.2331, -27.4501

Triad

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



120.3130, 1.8177, -23.0765



126.5730, 11.0565, 0.3745



126.4340, -11.5530, 18.9134

Complementary

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



120.3130, 1.8177, -23.0765



106.6870, -1.8177, 23.0765

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.



127.3080, -7.0538, 22.5319



120.3130, 1.8177, -23.0765



127.6840, 6.0718, 12.5551

Square

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



120.3130, 1.8177, -23.0765



124.4680, 13.5733, -13.5654



127.7190, -0.3545, 20.4174



124.7380, -12.6888, 9.8768

Rectangle

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



120.3130, 1.8177, -23.0765



120.6360, 12.0115, -25.9908



127.7190, -0.3545, 20.4174



126.7870, -10.2480, 20.3578

Sweetspot

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



120.3130, 1.8177, -23.0765



168.1730, 0.9007, -8.9217



119.5840, -12.6129, -14.5442



83.6680, 0.1637, -5.8478



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



120.3130, 1.8177, -23.0765



153.4640, 2.7292, -35.4869



115.4690, 8.6428, -18.8283



64.0920, 0.4476, -3.5887



87.7100, 6.0590, -76.9217



1.9890, 0.0054, -1.7444

Inverse Universe

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



106.6870, -1.8177, 23.0765



132.5360, -2.7292, 35.4869



111.5310, -8.6428, 18.8283



61.9080, -0.4476, 3.5887



42.2900, -6.0590, 76.9217



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 120.3130, 1.8177, -23.0765 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 120.3130, 1.8177, -23.0765 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

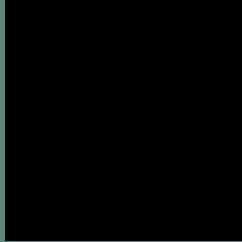
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

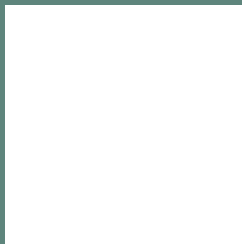
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 120.3130, 1.8177, -23.0765

Background



This preview shows how black text looks on a background with the YUV color 120.3130, 1.8177, -23.0765.

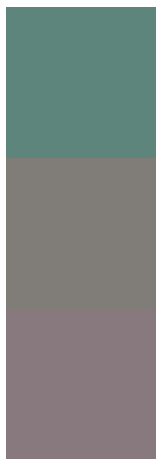


This preview shows how white text looks on a background with the YUV color 120.3130, 1.8177,

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

120.3130, 1.8177, -23.0765

Protanopia

124.6260, -2.7736, 2.9590

Deuteranopia

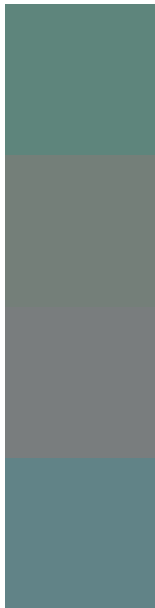
126.1690, 0.4097, 8.6218



Tritanopia

121.6860, 9.5218, -20.7726

Trichromacy



Original Color

120.3130, 1.8177, -23.0765

Protanomaly

123.0270, -0.9993, -6.1627

Deuteranomaly

123.9180, 1.0264, -2.5591

Tritanomaly

121.2900, 6.7590, -21.3023

Monochromacy



Original Color

120.3130, 1.8177, -23.0765

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

120.3580, 0.3165, -8.2070

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.3130, 1.8177, -23.0765 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(94, 133, 124)` looks like.

```
.text, #text, p{  
    color:rgb(94, 133, 124)  
}
```

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(94, 133, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 133, 124) }
```

Border

The CSS property to change the border of an element to YUV 120.3130, 1.8177, -23.0765 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(94, 133, 124) }
```


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

```
.border{ border-color:rgb(94, 133, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 133, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 133, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 133, 124);  
box-shadow:4px 4px 4px 4px rgb(94, 133,  
124) }
```

Background

The CSS property to change the background color of an element to YUV 120.3130, 1.8177, -23.0765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 133, 124) }
```

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

```
.background{ background-color: rgb(94, 133,  
124) }
```

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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