

Converting Colors

YUV(117.3130, 1.8177,
-23.0765)

Have a look what the booklet for
YUV(117.3130, 1.8177, -23.0765)
contains.

YUV(117.3130, 1.8177, -23.0765)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(117.3130, 1.8177,
-23.0765)**

Conversions

Conversions Part 1

Format	Color
Hex	5B8279
RGB	91, 130, 121
RGB Percent	36%, 51%, 47%
CMY	0.6431, 0.4902, 0.5255
CMYK	0.30, 0.00, 0.07, 0.49
HSL	166°, 18%, 43%
HSV	166°, 30%, 51%
XYZ	15.7482, 19.5699, 21.0365
YIQ	117.3130, -20.3550, -11.0670

Conversions

Conversions Part 2

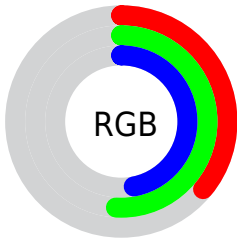
Format	Color
R_{YB}	91, 113, 130
Decimal	5997177
CIE _{Lab}	51.35, -15.67, 0.50
CIE _{LCh}	51, 15.677, 178.188
Yxy	19.5699, 0.2794, 0.3473
Android (android.graphics.Color)	4284187257 (0xFF5B8279)
YUV	117.3130, 1.8177, -23.0765
Hunter-Lab	44.2379, -13.8722, 2.7722

Details

The YUV color **117.3130, 1.8177, -23.0765** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **103.6870, -1.8177, 23.0765**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.6010, 1.6757, -24.2061**, and **68.7260, 2.1071, -22.5617** is the 20% darker color. If you saturate the color by 10%, you get **113.0840, 2.4236, -30.7687**, and if you desaturate by 10%, it is **121.5420, 1.2118, -15.3843**.

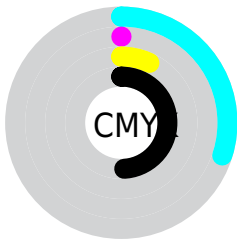
Distribution



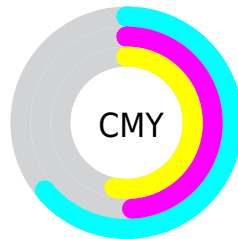
- Red (36%)
- Green (51%)
- Blue (47%)



- Red (36%)
- Yellow (44%)
- Blue (51%)



- Cyan (30%)
- Magenta (0%)
- Yellow (7%)
- Black (49%)



- Cyan (64%)
- Magenta (49%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.3130, 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 117.3130, 1.8177, -23.0765 by changing the saturation by 10% instead.

■ 117.3130, 1.8177,
-23.0765

■ 117.3130, 1.8177,
-23.0765

■ 255.0000, 0.0000,
0.0000

■ 92.6120, 1.6703,
-22.4617

■ 169.6010, 1.6757,
-24.2061

■ 68.7260, 2.1071,
-22.5617

■ 197.3020, 1.8231,
-24.8209

■ 44.8400, 2.5439,
-22.6617

■ 225.3020, 1.8231,
-24.8209

■ 24.4380, 2.2491,
-21.4321

■ 246.0300, 4.4222,
-18.4433

■ 5.6250, -1.2941,
-4.9331

■ 254.7010, 0.1474,
-0.6148

■ 0.0000, 0.0000,
0.0000

■ 117.3130, 1.8177,
-23.0765

■ 117.3130, 1.8177,
-23.0765

■ 113.0840, 2.4236,
-30.7687

■ 121.5420, 1.2118,
-15.3843

■ 108.8550, 3.0295,
-38.4608

■ 125.7710, 0.6059,
-7.6922

■ 104.6260, 3.6354,
-46.1530

■ 130.0000, 0.0000,
0.0000

■ 100.3970, 4.2413,
-53.8452

■ 134.2290, -0.6059,
7.6922

■ 96.1680, 4.8472,
-61.5373

■ 138.4580, -1.2118,
15.3843

■ 91.9390, 5.4531,
-69.2295

■ 142.6870, -1.8177,
23.0765

■ 87.7100, 6.0590,
-76.9217

■ 146.9160, -2.4236,
30.7687

■ 151.1450, -3.0295,

38.4608

■ 155.3740, -3.6354,
46.1530

Harmonies

Analogous

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



118.5440, -5.1982, -12.7551



117.3130, 1.8177, -23.0765



117.3000, 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.



117.3130, 1.8177, -23.0765



123.5730, 11.0565, 0.3745



123.4340, -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.



117.3130, 1.8177, -23.0765



103.6870, -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.



124.3080, -7.0538, 22.5319



117.3130, 1.8177, -23.0765



124.6840, 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.



117.3130, 1.8177, -23.0765



121.4680, 13.5733, -13.5654



124.7190, -0.3545, 20.4174



121.7380, -12.6888, 9.8768

Rectangle

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



117.3130, 1.8177, -23.0765



117.6360, 12.0115, -25.9908



124.7190, -0.3545, 20.4174



123.7870, -10.2480, 20.3578

Sweetspot

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



117.3130, 1.8177, -23.0765



163.1730, 0.9007, -8.9217



116.5840, -12.6129, -14.5442



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.



117.3130, 1.8177, -23.0765



148.4640, 2.7292, -35.4869



112.4690, 8.6428, -18.8283



61.6790, 0.1583, -4.1035



86.3080, 5.7642, -75.6921



0.0000, 0.0000, 0.0000

Inverse Universe

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



103.6870, -1.8177, 23.0765



127.5360, -2.7292, 35.4869



108.5310, -8.6428, 18.8283



59.3210, -0.1583, 4.1035



41.5780, -6.2010, 75.7921



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 117.3130, 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 117.3130, 1.8177, -23.0765 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

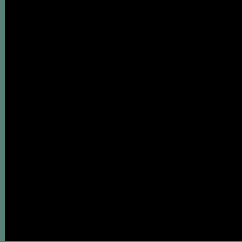
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

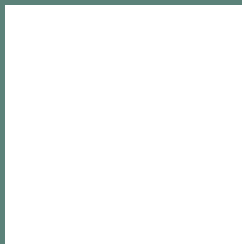
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 117.3130, 1.8177, -23.0765

Background



This preview shows how black text looks on a background with the YUV color 117.3130, 1.8177, -23.0765.

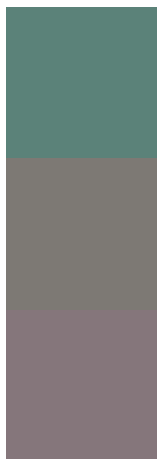


This preview shows how white text looks on a background with the YUV color 117.3130, 1.8177, -23.0765.

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

117.3130, 1.8177, -23.0765

Protanopia

121.6260, -2.7736, 2.9590

Deuteranopia

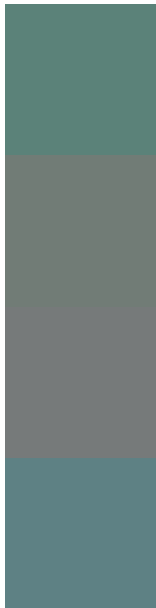
123.0550, -0.0271, 8.7218



Tritanopia

119.2730, 9.2324, -21.2874

Trichromacy



Original Color

117.3130, 1.8177, -23.0765

Protanomaly

120.0270, -0.9993, -6.1627

Deuteranomaly

120.8040, 0.5896, -2.4591

Tritanomaly

118.8770, 6.4696, -21.8171

Monochromacy



Original Color

117.3130, 1.8177, -23.0765

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

117.3580, 0.3165, -8.2070

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.3130, 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(91, 130, 121)` looks like.

```
.text, #text, p{  
    color:rgb(91, 130, 121)  
}
```

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(91, 130, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 130, 121) }
```

Border

The CSS property to change the border of an element to YUV 117.3130, 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(91, 130, 121) }
```


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

```
.border{ border-color:rgb(91, 130, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 130, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 130, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 130, 121);  
box-shadow:4px 4px 4px 4px rgb(91, 130,  
121) }
```

Background

The CSS property to change the background color of an element to YUV 117.3130, 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(91, 130, 121) }
```

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

```
.background{ background-color: rgb(91, 130,  
121) }
```

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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