

Converting Colors

YUV(127.8330, 19.8023,
-51.5965)

Have a look what the booklet for
YUV(127.8330, 19.8023, -51.5965)
contains.

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Color

**YUV(127.8330, 19.8023,
-51.5965)**

Conversions

Conversions Part 1

Format	Color
Hex	4596A8
RGB	69, 150, 168
RGB Percent	27%, 59%, 66%
CMY	0.7294, 0.4118, 0.3412
CMYK	0.59, 0.11, 0.00, 0.34
HSL	191°, 42%, 46%
HSV	191°, 59%, 66%
XYZ	20.4285, 25.9051, 40.9693
YIQ	127.8330, -54.0540, -11.5740

Conversions

Conversions Part 2

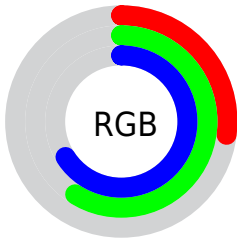
Format	Color
RYB	69, 114, 168
Decimal	4560552
CIELab	57.95, -19.23, -16.89
CIELCh	58, 25.598, 221.295
Yxy	25.9051, 0.2340, 0.2967
Android (android.graphics.Color)	4282750632 (0xFF4596A8)
YUV	127.8330, 19.8023, -51.5965
Hunter-Lab	50.8970, -17.4254, -12.0973

Details

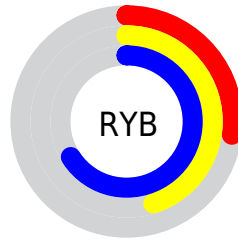
The YUV color **127.8330, 19.8023, -51.5965** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **109.1670, -19.8023, 51.5965**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.8440, 19.7969, -49.8522**, and **71.3370, 22.0189, -62.5625** is the 20% darker color. If you saturate the color by 10%, you get **120.9890, 23.1764, -60.5034**, and if you desaturate by 10%, it is **134.6770, 16.4282, -42.6897**.

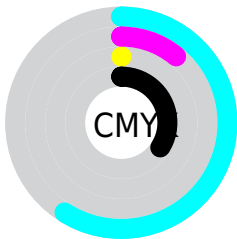
Distribution



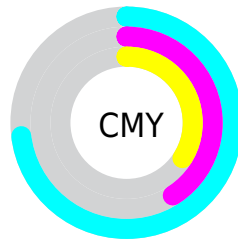
- Red (27%)
- Green (59%)
- Blue (66%)



- Red (27%)
- Yellow (45%)
- Blue (66%)



- Cyan (59%)
- Magenta (11%)
- Yellow (0%)
- Black (34%)



- Cyan (73%)
- Magenta (41%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.8330, 19.8023, -51.5965 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 127.8330, 19.8023, -51.5965 by changing the saturation by 10% instead.

■ 127.8330, 19.8023,
-51.5965

■ 127.8330, 19.8023,
-51.5965

■ 255.0000, 0.0000,
0.0000

■ 100.0390, 20.6868,
-55.2852

■ 182.8440, 19.7969,
-49.8522

■ 71.3370, 22.0189,
-62.5625

■ 211.5450, 19.9443,
-50.4670

■ 54.3990, 18.0443,
-47.7079

■ 233.4720, 10.6133,
-44.2639

■ 38.2760, 14.6539,
-33.5681

■ 242.1430, 6.3385,
-26.4354

■ 23.3270, 10.6848,
-20.4578

■ 251.1130, 1.9163,
-7.9921

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,

0.0000

■ 127.8330, 19.8023,
-51.5965

■ 127.8330, 19.8023,
-51.5965

■ 120.9890, 23.1764,
-60.5034

■ 134.6770, 16.4282,
-42.6897

■ 114.1450, 26.5505,
-69.4102

■ 141.5210, 13.0541,
-33.7829

■ 107.6000, 29.7772,
-77.7022

■ 148.0660, 9.8275,
-25.4909

■ 100.7560, 33.1513,
-86.6090

■ 154.9100, 6.4534,
-16.5841

■ 99.5710, 33.7355,
-87.3238

■ 161.7540, 3.0793,
-7.6773

■ 168.5980, -0.2948,
1.2296

■ 175.4420, -3.6689,
10.1364

■ 181.9870, -6.8956,
18.4284

■ 188.8310,
-10.2697, 27.3352

Harmonies

Analogous

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



128.1080, 9.3138, -47.4527



127.8330, 19.8023, -51.5965



132.6590, 23.8321, -37.4119

Triad

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



127.8330, 19.8023, -51.5965



142.6690, 5.5862, 28.3543



137.5500, -20.9772, 8.2876

Complementary

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



127.8330, 19.8023, -51.5965



109.1670, -19.8023, 51.5965

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.



139.0620, -20.7366, 24.5016



127.8330, 19.8023, -51.5965



142.1510, -5.4974, 36.7016

Square

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



127.8330, 19.8023, -51.5965



142.3660, 15.1026, 9.3260



140.7350, -14.6594, 35.3124



134.7370, -14.6603, -11.1703

Rectangle

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



127.8330, 19.8023, -51.5965



137.2310, 23.0571, -22.1276



140.7350, -14.6594, 35.3124



137.7680, -21.5776, 14.2355

Sweetspot

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



127.8330, 19.8023, -51.5965



203.2300, 7.7746, -20.3727



128.9370, -21.6609, -52.5647



99.8890, 4.9847, -12.1807



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



127.8330, 19.8023, -51.5965



156.2190, 30.9510, -80.8761



99.6570, 33.6931, -26.8862



81.0210, 1.4686, -4.4034



87.8990, 29.6298, -77.0874



12.2590, 3.8163, -10.7511

Inverse Universe

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



107.8350, 20.7873, 52.7647



124.8230, 32.6253, 82.5932



137.3430, -33.6931, 26.8862



79.1900, 1.8783, 4.2184



58.0460, 31.0363, 78.8897



7.9180, 4.4774, 10.5959

Previews

White Background



This preview shows how the YUV color 127.8330, 19.8023, -51.5965 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 127.8330, 19.8023, -51.5965 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

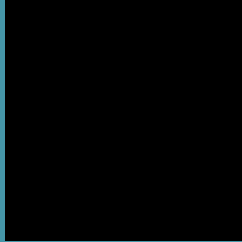
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 127.8330, 19.8023, -51.5965

Background



This preview shows how black text looks on a background with the YUV color 127.8330, 19.8023, -51.5965.



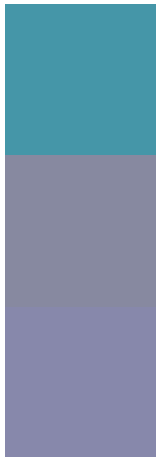
This preview shows how white text looks on a background with the YUV color 127.8330, 19.8023, -51.5965.

-51.5965.

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

127.8330, 19.8023, -51.5965

Protanopia

139.0240, 10.3412, -3.5290

Deuteranopia

139.6910, 15.4353, -4.1140



Tritanopia

127.2520, 17.6238, -52.8410

Trichromacy



Original Color

127.8330, 19.8023, -51.5965

Protanomaly

135.1250, 13.7424, -21.1576

Deuteranomaly

135.3360, 17.0894, -21.3427

Tritanomaly

127.7790, 18.3500, -52.4262

Monochromacy



Original Color

127.8330, 19.8023, -51.5965

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

128.1270, 7.3324, -18.5284

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.8330, 19.8023, -51.5965 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(69, 150, 168)` looks like.

```
.text, #text, p{  
    color:rgb(69, 150, 168)  
}
```

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(69, 150, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 150, 168) }
```

Border

The CSS property to change the border of an element to YUV 127.8330, 19.8023, -51.5965 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(69, 150, 168) }
```


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

```
.border{ border-color:rgb(69, 150, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 150, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 150, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 150, 168);  
box-shadow:4px 4px 4px 4px rgb(69, 150,  
168) }
```

Background

The CSS property to change the background color of an element to YUV 127.8330, 19.8023, -51.5965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 150, 168) }
```

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

```
.background{ background-color: rgb(69, 150,  
168) }
```

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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