

Converting Colors

YUV(119.7600, 23.7823,
-68.1955)

Have a look what the booklet for
YUV(119.7600, 23.7823, -68.1955)
contains.

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Color

**YUV(119.7600, 23.7823,
-68.1955)**

Conversions

Conversions Part 1

Format	Color
Hex	2A96A8
RGB	42, 150, 168
RGB Percent	16%, 59%, 66%
CMY	0.8353, 0.4118, 0.3412
CMYK	0.75, 0.11, 0.00, 0.34
HSL	189°, 60%, 41%
HSV	189°, 75%, 66%
XYZ	18.9291, 25.1321, 40.8991
YIQ	119.7600, -70.1460, -17.2980

Conversions

Conversions Part 2

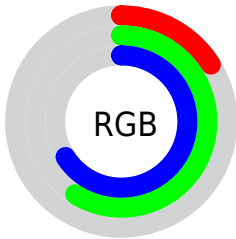
Format	Color
R_{YB}	42, 100, 168
Decimal	2791080
CIE _{Lab}	57.20, -23.54, -18.09
CIE _{LCh}	57, 29.693, 217.538
Yxy	25.1321, 0.2228, 0.2958
Android (android.graphics.Color)	4280981160 (0xFF2A96A8)
YUV	119.7600, 23.7823, -68.1955
Hunter-Lab	50.1319, -20.3319, -13.2782




Details

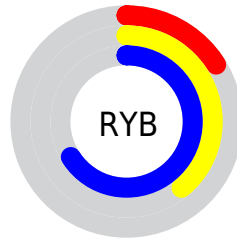
The YUV color **119.7600, 23.7823, -68.1955** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **90.2400, -23.7823, 68.1955**, and the grayscale version is **120.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **177.1630, 22.5976, -61.5330**, and **71.3370, 22.0189, -62.5625** is the 20% darker color. If you saturate the color by 10%, you get **113.5030, 26.8670, -77.6171**, and if you desaturate by 10%, it is **126.0170, 20.6976, -58.7739**.

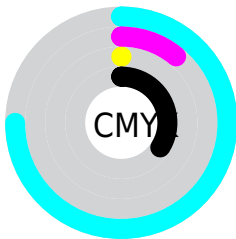
Distribution







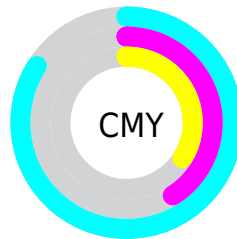
-  Red (16%)
-  Green (59%)
-  Blue (66%)






-  Red (16%)
-  Yellow (39%)
-  Blue (66%)



-  Cyan (75%)
-  Magenta (11%)
-  Yellow (0%)
-  Black (34%)



-  Cyan (84%)
-  Magenta (41%)
-  Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.7600, 23.7823, -68.1955 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 119.7600, 23.7823, -68.1955 by changing the saturation by 10% instead.

■ 119.7600, 23.7823,
-68.1955

■ 119.7600, 23.7823,
-68.1955

■ 255.0000, 0.0000,
0.0000

■ 88.9760, 26.1408,
-78.0320

■ 177.1630, 22.5976,
-61.5330

■ 71.3370, 22.0189,
-62.5625

■ 206.4620, 22.4502,
-60.9182

■ 54.3990, 18.0443,
-47.7079

■ 228.3890, 13.1192,
-54.7152

■ 38.2760, 14.6539,
-33.5681

■ 237.0600, 8.8444,
-36.8866

■ 23.9140, 10.3954,
-20.9726

■ 246.0300, 4.4222,
-18.4433

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,

0.0000

■ 119.7600, 23.7823,
-68.1955

■ 119.7600, 23.7823,
-68.1955

■ 113.5030, 26.8670,
-77.6171

■ 126.0170, 20.6976,
-58.7739

■ 106.6590, 30.2411,
-86.5239

■ 132.8610, 17.3235,
-49.8671

■ 103.6800, 31.7098,
-90.9274

■ 138.8190, 14.3862,
-41.0603

■ 145.6630, 11.0121,
-32.1535

■ 151.9200, 7.9274,
-22.7318

■ 158.1770, 4.8427,
-13.3102

■ 165.0210, 1.4686,
-4.4034

■ 170.9790, -1.4686,
4.4034

■ 177.8230, -4.8427,
13.3102

Harmonies

Analogous

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



121.9820, 10.3619, -56.9892



119.7600, 23.7823, -68.1955



127.1350, 28.5274, -50.1074

Triad

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



119.7600, 23.7823, -68.1955



140.7770, 8.4909, 30.0136



135.0620, -24.1876, 11.3466

Complementary

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



119.7600, 23.7823, -68.1955



90.2400, -23.7823, 68.1955

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.



137.1120, -23.2262, 29.7198



119.7600, 23.7823, -68.1955



139.9390, -3.9139, 42.1495

Square

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



119.7600, 23.7823, -68.1955



139.9790, 18.7444, 7.9114



138.8390, -15.6966, 41.3602



131.8250, -18.1547, -10.3705

Rectangle

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



119.7600, 23.7823, -68.1955



133.0280, 27.5942, -30.7196



138.8390, -15.6966, 41.3602



135.8780, -25.0829, 18.5240

Sweetspot

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



119.7600, 23.7823, -68.1955



199.9410, 9.3961, -27.1353



117.9000, -29.0377, -66.5643



97.7960, 6.0166, -16.4841



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.



119.7600, 23.7823, -68.1955



143.6610, 37.1421, -106.6967



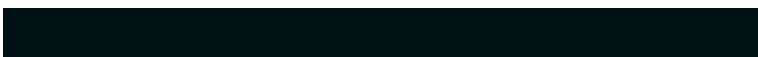
83.3660, 41.7246, -36.2780



81.0210, 1.4686, -4.4034



91.4210, 27.8934, -80.1762



12.2590, 3.8163, -10.7511

Inverse Universe

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



91.9860, 28.6009, 66.6643



100.1690, 44.7797, 104.2148



126.6340, -41.7246, 36.2780



79.1900, 1.8783, 4.2184



58.7300, 33.6571, 78.2898



7.9180, 4.4774, 10.5959

Previews

White Background



This preview shows how the YUV color 119.7600, 23.7823, -68.1955 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 119.7600, 23.7823, -68.1955 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

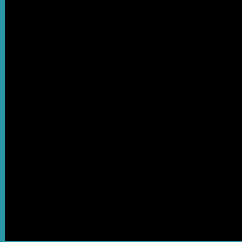
Any Text WCAG AA ✓ Pass

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 119.7600, 23.7823, -68.1955 Background



This preview shows how black text looks on a background with the YUV color 119.7600, 23.7823, -68.1955.

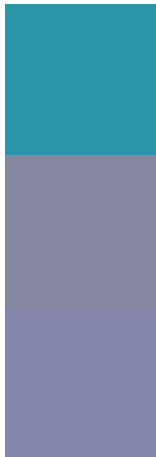


This preview shows how white text looks on a background with the YUV color 119.7600, 23.7823, -68.1955.

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

119.7600, 23.7823, -68.1955

Protanopia

136.7250, 10.4886, -4.1438

Deuteranopia

137.7340, 16.8931, -5.0287



Tritanopia

118.5810, 21.8986, -70.6695

Trichromacy



Original Color

119.7600, 23.7823, -68.1955

Protanomaly

130.2490, 15.6532, -27.4054

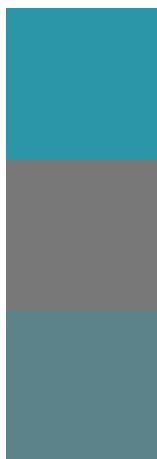
Deuteranomaly

131.2750, 19.5844, -28.3052

Tritanomaly

119.1080, 22.6248, -70.2547

Monochromacy



Original Color

119.7600, 23.7823, -68.1955

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

120.0230, 8.3697, -24.5762

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.7600, 23.7823, -68.1955 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(42, 150, 168)` looks like.

```
.text, #text, p{  
    color:rgb(42, 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(42, 150, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 150, 168) }
```

Border

The CSS property to change the border of an element to YUV 119.7600, 23.7823, -68.1955 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(42, 150, 168) }
```


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

```
.border{ border-color:rgb(42, 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(42, 150, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 150, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 150, 168);  
box-shadow:4px 4px 4px 4px rgb(42, 150,  
168) }
```

Background

The CSS property to change the background color of an element to YUV 119.7600, 23.7823, -68.1955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 150, 168) }
```

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

```
.background{ background-color: rgb(42, 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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