

Converting Colors

YUV(118.9230, 23.2090,
-70.9695)

Have a look what the booklet for
YUV(118.9230, 23.2090, -70.9695)
contains.

YUV(118.9230, 23.2090, -70.9695)	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(118.9230, 23.2090,
-70.9695)**

Conversions

Conversions Part 1

Format	Color
Hex	2697A6
RGB	38, 151, 166
RGB Percent	15%, 59%, 65%
CMY	0.8510, 0.4078, 0.3490
CMYK	0.77, 0.09, 0.00, 0.35
HSL	187°, 63%, 40%
HSV	187°, 77%, 65%
XYZ	18.7489, 25.2985, 39.9713
YIQ	118.9230, -72.1630, -19.2910

Conversions

Conversions Part 2

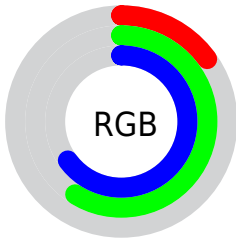
Format	Color
R_{YB}	38, 98, 166
Decimal	2529190
CIE _{Lab}	57.37, -25.17, -16.71
CIE _{LCh}	57, 30.213, 213.587
Yxy	25.2985, 0.2232, 0.3011
Android (android.graphics.Color)	4280719270 (0xFF2697A6)
YUV	118.9230, 23.2090, -70.9695
Hunter-Lab	50.2976, -21.4833, -11.9093

Details

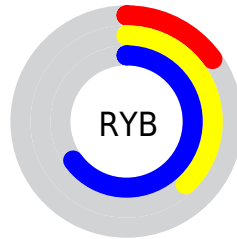
The YUV color **118.9230, 23.2090, -70.9695** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **85.0770, -23.2090, 70.9695**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.5110, 21.4401, -63.5921**, and **71.6960, 20.8559, -62.8774** is the 20% darker color. If you saturate the color by 10%, you get **112.6660, 26.2937, -80.3911**, and if you desaturate by 10%, it is **125.1800, 20.1243, -61.5479**.

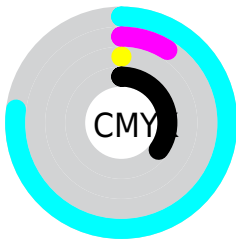
Distribution



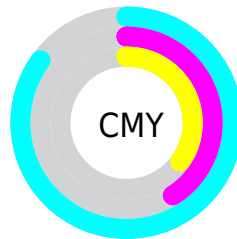
- Red (15%)
- Green (59%)
- Blue (65%)



- Red (15%)
- Yellow (38%)
- Blue (65%)



- Cyan (77%)
- Magenta (9%)
- Yellow (0%)
- Black (35%)



- Cyan (85%)
- Magenta (41%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.9230, 23.2090, -70.9695 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 118.9230, 23.2090, -70.9695 by changing the saturation by 10% instead.

118.9230, 23.2090,
-70.9695

118.9230, 23.2090,
-70.9695

255.0000, 0.0000,
0.0000

89.3350, 24.9778,
-78.3468

177.5110, 21.4401,
-63.5921

71.6960, 20.8559,
-62.8774

205.9240, 21.7295,
-63.0773

54.2850, 17.6075,
-47.6079

227.7910, 13.4140,
-55.9447

38.0480, 13.7803,
-33.3681

236.4620, 9.1392,
-38.1162

23.8000, 9.9586,
-20.8726

245.4320, 4.7170,
-19.6729

3.3230, 10.1938,
-2.9143

254.4020, 0.2948,

0.0000, 0.0000,

-1.2296

0.0000

■ 118.9230, 23.2090,
-70.9695

■ 118.9230, 23.2090,
-70.9695

■ 112.6660, 26.2937,
-80.3911

■ 125.1800, 20.1243,
-61.5479

■ 106.7080, 29.2310,
-89.1979

■ 131.1380, 17.1870,
-52.7410

■ 105.2130, 29.9680,
-92.2718

■ 137.3950, 14.1023,
-43.3194

■ 143.3530, 11.1650,
-34.5126

■ 149.6100, 8.0803,
-25.0910

■ 155.8670, 4.9956,
-15.6694

■ 161.8250, 2.0583,
-6.8625

■ 168.0820, -1.0264,
2.5591

■ 174.0400, -3.9637,
11.3659

Harmonies

Analogous

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



122.8250, 8.4673, -55.9745



118.9230, 23.2090, -70.9695



126.1020, 28.5437, -55.3405

Triad

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



118.9230, 23.2090, -70.9695



141.5210, 10.0961, 28.4841



135.5570, -24.9246, 14.4205

Complementary

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



118.9230, 23.2090, -70.9695



85.0770, -23.2090, 70.9695

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.



137.8350, -23.0897, 32.5937



118.9230, 23.2090, -70.9695



140.3950, -2.1667, 41.7496

Square

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



118.9230, 23.2090, -70.9695



140.4130, 20.5024, 4.0228



139.1920, -14.3917, 42.8046



132.7930, -19.6179, -7.7115

Rectangle

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



118.9230, 23.2090, -70.9695



132.2230, 28.4841, -36.1526



139.1920, -14.3917, 42.8046



136.4870, -25.3831, 21.4979

Sweetspot

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



118.9230, 23.2090, -70.9695



198.5280, 9.1067, -27.6501



114.8460, -30.4901, -67.3939



98.3830, 5.7272, -16.9989



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.



118.9230, 23.2090, -70.9695



142.5140, 36.7216, -111.8298



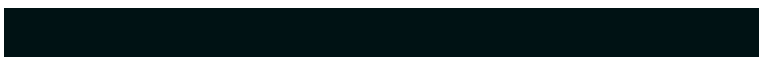
81.3550, 41.7300, -38.0223



81.0210, 1.4686, -4.4034



93.7690, 26.7359, -82.2354



12.8460, 3.5269, -11.2659

Inverse Universe

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



89.1540, 30.4901, 67.3939



95.6900, 47.9738, 106.3889



122.6450, -41.7300, 38.0223



79.1900, 1.8783, 4.2184



59.1860, 35.4043, 77.8899



8.0320, 4.9142, 10.4959

Previews

White Background



This preview shows how the YUV color 118.9230, 23.2090, -70.9695 looks on a white background.

Color Contrast Check

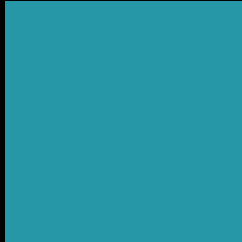
Large Text (above 18pt) WCAG AA ✓ Pass

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 118.9230, 23.2090, -70.9695 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

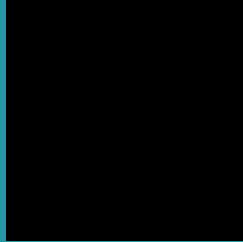
Any Text WCAG AA ✓ Pass

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 118.9230, 23.2090, -70.9695 Background



This preview shows how black text looks on a background with the YUV color 118.9230, 23.2090, -70.9695.



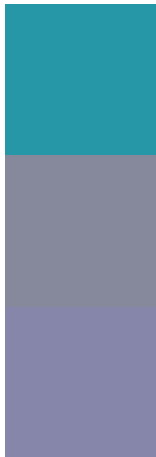
This preview shows how white text looks on a background with the YUV color 118.9230, 23.2090,

-70.9695.

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

118.9230, 23.2090, -70.9695

Protanopia

137.6820, 9.0308, -3.2291

Deuteranopia

137.8050, 15.8721, -4.2140



Tritanopia

118.0970, 22.6302, -71.9991

Trichromacy



Original Color

118.9230, 23.2090, -70.9695

Protanomaly

130.6080, 14.4903, -27.7202

Deuteranomaly

130.7480, 18.8582, -28.7200

Tritanomaly

118.5100, 22.9196, -71.4843

Monochromacy



Original Color

118.9230, 23.2090, -70.9695

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

119.3110, 8.2277, -25.7057

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.9230, 23.2090, -70.9695 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(38, 151, 166)` looks like.

```
.text, #text, p{  
    color:rgb(38, 151, 166)  
}
```

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(38, 151, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 151, 166) }
```

Border

The CSS property to change the border of an element to YUV 118.9230, 23.2090, -70.9695 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(38, 151, 166) }
```


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

```
.border{ border-color:rgb(38, 151, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 151, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 151, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 151, 166);  
box-shadow:4px 4px 4px 4px rgb(38, 151,  
166) }
```

Background

The CSS property to change the background color of an element to YUV 118.9230, 23.2090, -70.9695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 151, 166) }
```

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

```
.background{ background-color: rgb(38, 151,  
166) }
```

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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