

Converting Colors

YUV(140.4610, 23.9297,
-68.8103)

Have a look what the booklet for
YUV(140.4610, 23.9297, -68.8103)
contains.

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Color

**YUV(140.4610, 23.9297,
-68.8103)**

Conversions

Conversions Part 1

Format	Color
Hex	3EABBD
RGB	62, 171, 189
RGB Percent	24%, 67%, 74%
CMY	0.7569, 0.3294, 0.2588
CMYK	0.67, 0.10, 0.00, 0.26
HSL	189°, 51%, 49%
HSV	189°, 67%, 74%
XYZ	25.7348, 33.8241, 53.3164
YIQ	140.4610, -70.7420, -17.5100

Conversions

Conversions Part 2

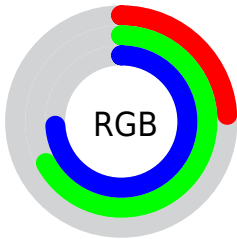
Format	Color
R_{YB}	62, 121, 189
Decimal	4107197
CIE _{Lab}	64.82, -24.91, -18.29
CIE _{LCh}	65, 30.900, 216.291
Yxy	33.8241, 0.2280, 0.2997
Android (android.graphics.Color)	4282297277 (0xFF3EABBD)
YUV	140.4610, 23.9297, -68.8103
Hunter-Lab	58.1585, -22.7920, -13.6428

Details

The YUV color **140.4610, 23.9297, -68.8103** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **110.5390, -23.9297, 68.8103**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **198.5540, 22.8979, -64.5069**, and **84.7700, 25.2564, -74.3433** is the 20% darker color. If you saturate the color by 10%, you get **133.0190, 27.5986, -78.9467**, and if you desaturate by 10%, it is **147.9030, 20.2608, -58.6739**.

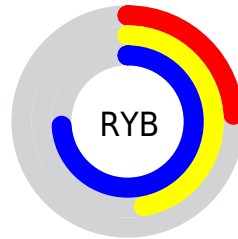
Distribution



Red (24%)

Green (67%)

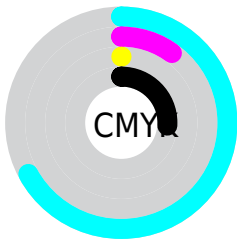
Blue (74%)



Red (24%)

Yellow (47%)

Blue (74%)

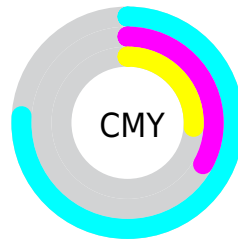


Cyan (67%)

Magenta (10%)

Yellow (0%)

Black (26%)



Cyan (76%)

Magenta (33%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 140.4610, 23.9297, -68.8103 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 140.4610, 23.9297, -68.8103 by changing the saturation by 10% instead.

■ 140.4610, 23.9297,
-68.8103

■ 140.4610, 23.9297,
-68.8103

■ 255.0000, 0.0000,
0.0000

■ 107.7800, 26.7305,
-80.4911

■ 198.5540, 22.8979,
-64.5069

■ 84.7700, 25.2564,
-74.3433

■ 224.8010, 14.8881,
-62.0925

■ 67.1310, 21.1344,
-58.8739

■ 233.7710, 10.4659,
-43.6492

■ 50.3070, 17.5966,
-44.1192

■ 242.7410, 6.0437,
-25.2059

■ 34.7710, 13.9169,
-30.4942

■ 251.7110, 1.6215,
-6.7625

■ 20.5230, 10.0952,
-17.9987

■ 2.8670, 8.4466,

-2.5144

■ 0.0000, 0.0000,
0.0000

■ 140.4610, 23.9297,
-68.8103

■ 140.4610, 23.9297,
-68.8103

■ 133.0190, 27.5986,
-78.9467

■ 147.9030, 20.2608,
-58.6739

■ 126.1640, 30.9781,
-89.5978

■ 154.7580, 16.8813,
-48.0228

■ 118.7220, 34.6471,
-99.7342

■ 162.2000, 13.2124,
-37.8864

■ 116.6400, 35.6735,
-102.2933

■ 169.6420, 9.5435,
-27.7500

■ 176.1980, 6.3114,
-17.7136

■ 183.6400, 2.6425,
-7.5773

■ 191.0820, -1.0264,
2.5591

■ 197.9370, -4.4059,
13.2103

■ 205.3790, -8.0748,
23.3466

Harmonies

Analogous

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



142.1560, 9.7831, -58.0188



140.4610, 23.9297, -68.8103



147.0530, 29.5539, -52.6665

Triad

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



140.4610, 23.9297, -68.8103



161.6030, 9.0697, 31.0432



154.9160, -26.0876, 14.1057

Complementary

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



140.4610, 23.9297, -68.8103



110.5390, -23.9297, 68.8103

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.



157.3790, -24.8368, 32.9936



140.4610, 23.9297, -68.8103



160.2490, -4.0668, 44.5086

Square

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



140.4610, 23.9297, -68.8103



160.1360, 20.6390, 6.8967



159.3340, -16.4337, 44.4341



151.7820, -19.6125, -9.4558

Rectangle

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



140.4610, 23.9297, -68.8103



152.7610, 29.2048, -33.9934



159.3340, -16.4337, 44.4341



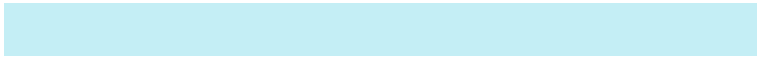
155.5470, -26.3987, 20.5683

Sweetspot

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



140.4610, 23.9297, -68.8103



226.2400, 9.2487, -26.5205



138.4870, -29.3271, -67.0791



110.9810, 5.4324, -15.7693



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



140.4610, 23.9297, -68.8103



169.3620, 37.2895, -107.3115



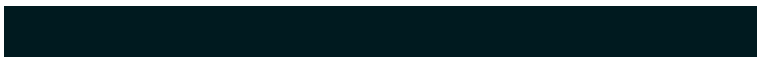
104.0670, 41.8720, -36.8928



90.7220, 1.6161, -5.0182



97.8440, 29.6569, -85.8092



18.7960, 6.0166, -16.4841

Inverse Universe

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



112.3990, 28.8903, 67.1791



125.5820, 45.0691, 104.7296



146.9330, -41.8720, 36.8928



88.6030, 2.1677, 4.7332



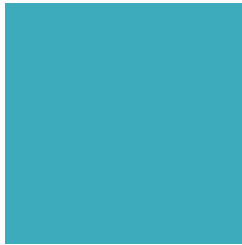
62.7460, 36.1142, 83.5378



12.2330, 6.7871, 16.4587

Previews

White Background



This preview shows how the YUV color 140.4610, 23.9297, -68.8103 looks on a white background.

Color Contrast Check

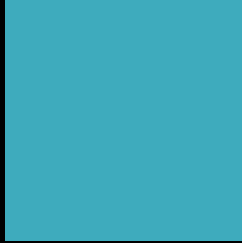
Large Text (above 18pt) WCAG AA × Fail

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 140.4610, 23.9297, -68.8103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

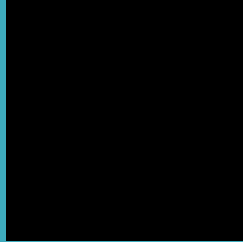
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 140.4610, 23.9297, -68.8103

Background



This preview shows how black text looks on a background with the YUV color 140.4610, 23.9297, -68.8103.



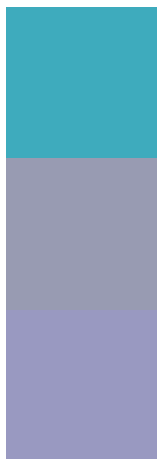
This preview shows how white text looks on a background with the YUV color 140.4610, 23.9297, -68.8103.

-68.8103.

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

140.4610, 23.9297, -68.8103

Protanopia

156.7250, 10.4886, -4.1438

Deuteranopia

157.5600, 17.4719, -3.9991



Tritanopia

139.9940, 22.1880, -70.1547

Trichromacy



Original Color

140.4610, 23.9297, -68.8103

Protanomaly

150.8360, 15.3639, -27.9202

Deuteranomaly

151.6880, 19.8738, -27.7904

Tritanomaly

140.4070, 22.4773, -69.6399

Monochromacy



Original Color

140.4610, 23.9297, -68.8103

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

140.1370, 8.8065, -24.6761

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.4610, 23.9297, -68.8103 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(62, 171, 189)` looks like.

```
.text, #text, p{  
    color:rgb(62, 171, 189)  
}
```

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(62, 171, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 171, 189) }
```

Border

The CSS property to change the border of an element to YUV 140.4610, 23.9297, -68.8103 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

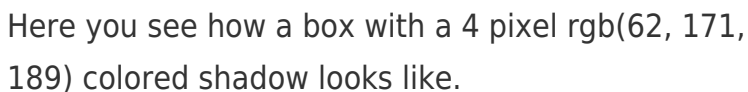
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(62, 171, 189) }
```


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

```
.border{ border-color:rgb(62, 171, 189) }
```

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



Here you see how a box with a 4 pixel `rgb(62, 171, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(62, 171, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(62, 171, 189); box-shadow:4px 4px 4px 4px rgb(62, 171, 189) }
```

Background

The CSS property to change the background color of an element to YUV 140.4610, 23.9297, -68.8103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 171, 189) }
```

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

```
.background{ background-color: rgb(62, 171,  
189) }
```

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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