

Converting Colors

YUV(149.2060, 10.7444,
-39.6457)

Have a look what the booklet for
YUV(149.2060, 10.7444, -39.6457)
contains.

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Color

**YUV(149.2060, 10.7444,
-39.6457)**

Conversions

Conversions Part 1

Format	Color
Hex	68A8AB
RGB	104, 168, 171
RGB Percent	41%, 66%, 67%
CMY	0.5922, 0.3412, 0.3294
CMYK	0.39, 0.02, 0.00, 0.33
HSL	183°, 29%, 54%
HSV	183°, 39%, 67%
XYZ	27.0622, 33.8886, 43.6429
YIQ	149.2060, -39.1070, -12.6350

Conversions

Conversions Part 2

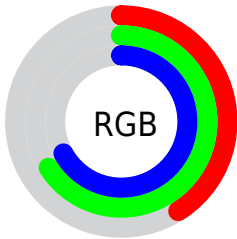
Format	Color
RYB	104, 137, 171
Decimal	6858923
CIELab	64.87, -19.66, -8.02
CIELCh	65, 21.233, 202.204
Yxy	33.8886, 0.2587, 0.3240
Android (android.graphics.Color)	4285049003 (0xFF68A8AB)
YUV	149.2060, 10.7444, -39.6457
Hunter-Lab	58.2139, -18.8940, -3.6999

Details

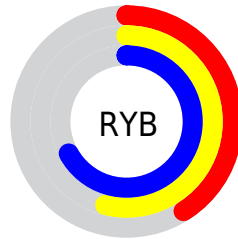
The YUV color **149.2060, 10.7444, -39.6457** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **125.7940, -10.7444, 39.6457**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.9070, 10.8918, -40.2604**, and **96.6080, 11.0393, -40.8752** is the 20% darker color. If you saturate the color by 10%, you get **143.5360, 13.5398, -49.5821**, and if you desaturate by 10%, it is **154.8760, 7.9491, -29.7093**.

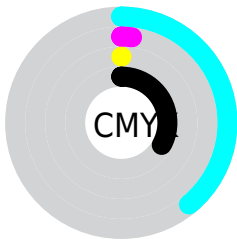
Distribution



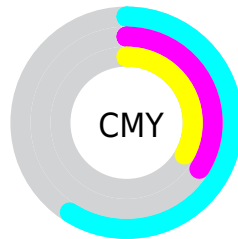
- Red (41%)
- Green (66%)
- Blue (67%)



- Red (41%)
- Yellow (54%)
- Blue (67%)



- Cyan (39%)
- Magenta (2%)
- Yellow (0%)
- Black (33%)



- Cyan (59%)
- Magenta (34%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.2060, 10.7444, -39.6457 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 149.2060, 10.7444, -39.6457 by changing the saturation by 10% instead.

■ 149.2060, 10.7444,
-39.6457

■ 149.2060, 10.7444,
-39.6457

■ 255.0000, 0.0000,
0.0000

■ 122.3200, 11.1812,
-39.7456

■ 203.9070, 10.8918,
-40.2604

■ 96.6080, 11.0393,
-40.8752

■ 232.6080, 11.0393,
-40.8752

■ 70.1130, 11.7763,
-43.9491

■ 243.0400, 5.8963,
-24.5911

■ 47.4230, 11.6235,
-41.5900

■ 251.7110, 1.6215,
-6.7625

■ 31.8870, 7.9437,
-27.9649

■ 18.3400, 4.2694,
-16.0842

■ 0.0000, 0.0000,

0.0000

■ 149.2060, 10.7444,
-39.6457

■ 149.2060, 10.7444,
-39.6457

■ 143.5360, 13.5398,
-49.5821

■ 154.8760, 7.9491,
-29.7093

■ 137.8660, 16.3351,
-59.5185

■ 160.5460, 5.1538,
-19.7728

■ 132.7830, 18.8410,
-69.9697

■ 165.6290, 2.6479,
-9.3216

■ 127.1130, 21.6363,
-79.9061

■ 171.2990, -0.1474,
0.6148

■ 121.1440, 24.5790,
-90.4573

■ 176.9690, -2.9427,
10.5512

■ 115.4740, 27.3743,
-100.3937

■ 182.9380, -5.8854,
21.1024

■ 115.1750, 27.5217,
-101.0085

■ 188.0210, -8.3914,
31.5536

■ 193.6910,
-11.1867, 41.4900

■ 198.4640,
-13.5398, 49.5821

Harmonies

Analogous

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



150.3290, 0.8238, -30.9835



149.2060, 10.7444, -39.6457



151.3510, 17.5750, -37.1418

Triad

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



149.2060, 10.7444, -39.6457



160.4330, 10.1395, 14.5293



156.7020, -18.0941, 16.9243

Complementary

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



149.2060, 10.7444, -39.6457



125.7940, -10.7444, 39.6457

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.



158.5770, -15.0745, 28.4350



149.2060, 10.7444, -39.6457



160.5180, 1.2236, 27.6097

Square

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



149.2060, 10.7444, -39.6457



158.3320, 16.5983, -3.7992



159.8470, -7.8126, 32.5832



155.3580, -16.4455, 1.4400

Rectangle

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



149.2060, 10.7444, -39.6457



152.9760, 19.7318, -28.9200



159.8470, -7.8126, 32.5832



157.5500, -17.5262, 21.4426

Sweetspot

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



149.2060, 10.7444, -39.6457



213.3400, 4.2694, -16.0842



143.5570, -18.5156, -34.6915



106.6290, 2.6479, -9.3216



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



149.2060, 10.7444, -39.6457



187.9690, 16.7773, -61.3628



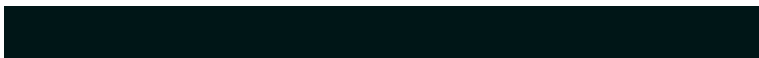
129.8350, 20.2943, -22.6573



83.7220, 1.6161, -5.0182



101.6280, 23.8474, -89.1278



15.5360, 3.6798, -13.6251

Inverse Universe

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



131.3290, 18.0788, 34.7915



160.3820, 27.9127, 54.0390



145.1650, -20.2943, 22.6573



81.6030, 2.1677, 4.7332



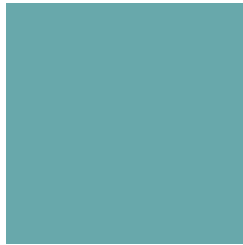
61.2660, 40.7879, 77.8197



9.3850, 6.2192, 11.9404

Previews

White Background



This preview shows how the YUV color 149.2060, 10.7444, -39.6457 looks on a white background.

Color Contrast Check

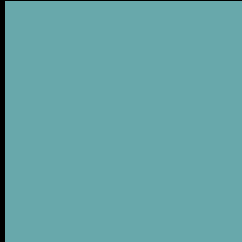
Large Text (above 18pt) WCAG AA × Fail

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 149.2060, 10.7444, -39.6457 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

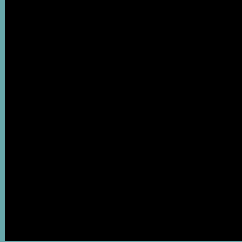
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 149.2060, 10.7444, -39.6457

Background



This preview shows how black text looks on a background with the YUV color 149.2060, 10.7444, -39.6457.



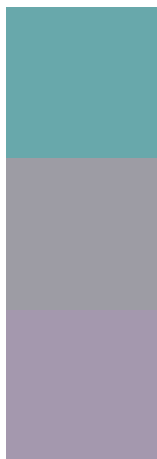
This preview shows how white text looks on a background with the YUV color 149.2060, 10.7444, -39.6457.

-39.6457.

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

149.2060, 10.7444, -39.6457

Protanopia

157.2110, 3.3470, -0.1850

Deuteranopia

158.0960, 7.8407, 5.1778



Tritanopia

150.2430, 14.6702, -38.8011

Trichromacy



Original Color

149.2060, 10.7444, -39.6457

Protanomaly

154.2200, 6.3005, -14.2249

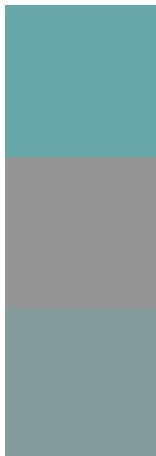
Deuteranomaly

154.9260, 8.9105, -11.3361

Tritanomaly

149.6020, 13.5072, -39.1160

Monochromacy



Original Color

149.2060, 10.7444, -39.6457

Achromatopsia

149.0000, 0.0000, 0.0000

Achromatomaly

149.2370, 3.8272, -14.2398

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.2060, 10.7444, -39.6457 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(104, 168, 171)` looks like.

```
.text, #text, p{  
    color:rgb(104, 168, 171)  
}
```

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(104, 168, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 168, 171) }
```

Border

The CSS property to change the border of an element to YUV 149.2060, 10.7444, -39.6457 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(104, 168, 171) }
```


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

```
.border{ border-color:rgb(104, 168, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 168, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 168, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 168, 171);  
box-shadow:4px 4px 4px 4px rgb(104, 168,  
171) }
```

Background

The CSS property to change the background color of an element to YUV 149.2060, 10.7444, -39.6457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 168, 171) }
```

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

```
.background{ background-color: rgb(104,  
168, 171) }
```

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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