

Converting Colors

YUV(121.7400, 17.3832,
-69.0550)

Have a look what the booklet for
YUV(121.7400, 17.3832, -69.0550)
contains.

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Color

**YUV(121.7400, 17.3832,
-69.0550)**

Conversions

Conversions Part 1

Format	Color
Hex	2B9B9D
RGB	43, 155, 157
RGB Percent	17%, 61%, 62%
CMY	0.8314, 0.3922, 0.3843
CMYK	0.73, 0.01, 0.00, 0.38
HSL	181°, 57%, 39%
HSV	181°, 73%, 62%
XYZ	18.8034, 26.3906, 36.0011
YIQ	121.7400, -67.3940, -23.1220

Conversions

Conversions Part 2

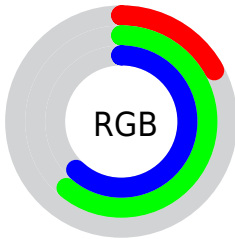
Format	Color
R_{YB}	43, 99, 157
Decimal	2857885
CIE _{Lab}	58.41, -29.37, -10.01
CIE _{LCh}	58, 31.033, 198.821
Yxy	26.3906, 0.2316, 0.3250
Android (android.graphics.Color)	4281047965 (0xFF2B9B9D)
YUV	121.7400, 17.3832, -69.0550
Hunter-Lab	51.3718, -24.5650, -5.5899

Details

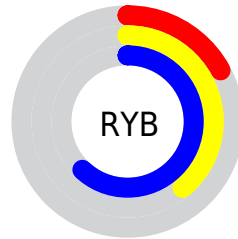
The YUV color **121.7400, 17.3832, -69.0550** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **78.2600, -17.3832, 69.0550**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.3170, 15.6197, -63.4220**, and **72.5450, 16.4933, -63.6220** is the 20% darker color. If you saturate the color by 10%, you get **116.9560, 19.7417, -78.8914**, and if you desaturate by 10%, it is **126.5240, 15.0247, -59.2185**.

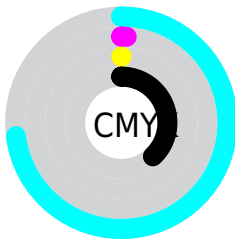
Distribution



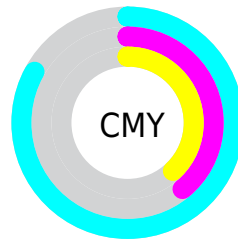
- Red (17%)
- Green (61%)
- Blue (62%)



- Red (17%)
- Yellow (39%)
- Blue (62%)



- Cyan (73%)
- Magenta (1%)
- Yellow (0%)
- Black (38%)



- Cyan (83%)
- Magenta (39%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.7400, 17.3832, -69.0550 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 121.7400, 17.3832, -69.0550 by changing the saturation by 10% instead.

■ 121.7400, 17.3832,
-69.0550

■ 121.7400, 17.3832,
-69.0550

■ 255.0000, 0.0000,
0.0000

■ 90.6570, 19.8891,
-79.5062

■ 179.3170, 15.6197,
-63.4220

■ 72.5450, 16.4933,
-63.6220

■ 207.7300, 15.9091,
-62.9072

■ 55.7210, 12.9555,
-48.8673

■ 228.0900, 13.2666,
-55.3299

■ 39.0110, 9.8546,
-34.2126

■ 237.0600, 8.8444,
-36.8866

■ 24.7630, 6.0328,
-21.7172

■ 245.7310, 4.5696,
-19.0581

■ 2.4110, 6.6994,
-2.1144

■ 0.0000, 0.0000,

0.0000

■ 121.7400, 17.3832,
-69.0550

■ 121.7400, 17.3832,
-69.0550

■ 116.9560, 19.7417,
-78.8914

■ 126.5240, 15.0247,
-59.2185

■ 111.8840, 22.2422,
-87.5983

■ 131.5960, 12.5242,
-50.5117

■ 108.2960, 24.0111,
-94.9756

■ 136.3800, 10.1657,
-40.6753

■ 141.1640, 7.8071,
-30.8388

■ 145.9480, 5.4486,
-21.0024

■ 151.0200, 2.9481,
-12.2955

■ 155.8040, 0.5896,
-2.4591

■ 160.5880, -1.7689,
7.3773

■ 165.0730, -3.9800,
16.5990

Harmonies

Analogous

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



127.8280, 0.5778, -45.4532



121.7400, 17.3832, -69.0550



123.0140, 28.5871, -69.2953

Triad

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



121.7400, 17.3832, -69.0550



143.9480, 15.8016, 18.4626



139.3950, -25.8307, 25.0866

Complementary

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



121.7400, 17.3832, -69.0550



78.2600, -17.3832, 69.0550

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.



141.3890, -19.9118, 40.0008



121.7400, 17.3832, -69.0550



144.2680, 3.8119, 37.4760

Square

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



121.7400, 17.3832, -69.0550



140.8780, 25.2031, -10.4170



142.5820, -9.1609, 45.0936



136.7190, -24.0185, 3.7544

Rectangle

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



121.7400, 17.3832, -69.0550



130.0530, 29.5539, -52.6665



142.5820, -9.1609, 45.0936



140.0690, -24.6840, 30.6345

Sweetspot

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



121.7400, 17.3832, -69.0550



189.9580, 6.9227, -27.1502



110.1460, -32.1170, -58.8870



93.9270, 3.9800, -16.5990



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



121.7400, 17.3832, -69.0550



149.3160, 26.9592, -107.2711



88.2810, 33.8785, -39.7114



76.6080, 1.1793, -4.9182



98.4820, 21.9474, -86.3687



10.5150, 2.2111, -9.2217

Inverse Universe

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



89.8540, 32.1170, 58.8870



99.7590, 49.9118, 91.4194



111.7190, -33.8785, 39.7114



74.3040, 2.3151, 4.1184



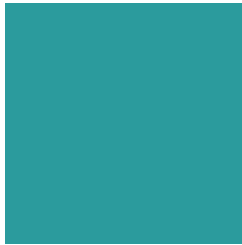
58.7170, 40.0725, 73.9162



6.1950, 4.3409, 7.7220

Previews

White Background



This preview shows how the YUV color 121.7400, 17.3832, -69.0550 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 121.7400, 17.3832, -69.0550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

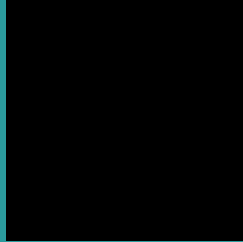
Any Text WCAG AA ✓ Pass

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 121.7400, 17.3832, -69.0550 Background



This preview shows how black text looks on a background with the YUV color 121.7400, 17.3832, -69.0550.



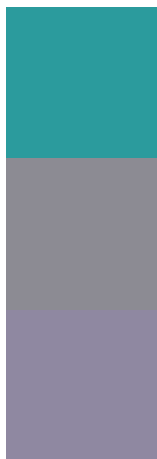
This preview shows how white text looks on a background with the YUV color 121.7400, 17.3832, -69.0550.

-69.0550.

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

121.7400, 17.3832, -69.0550

Protanopia

140.2110, 3.3470, -0.1850

Deuteranopia

140.9430, 9.8881, 1.8040



Tritanopia

123.9730, 20.7193, -65.7513

Trichromacy



Original Color

121.7400, 17.3832, -69.0550

Protanomaly

133.7240, 8.5171, -25.1909

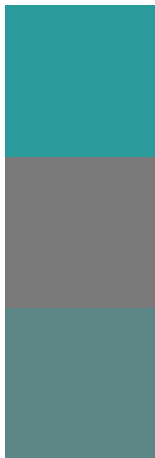
Deuteranomaly

134.1740, 12.7322, -23.8316

Tritanomaly

123.0330, 19.7037, -66.6809

Monochromacy



Original Color

121.7400, 17.3832, -69.0550

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

121.8550, 6.4805, -25.3058

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.7400, 17.3832, -69.0550 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(43, 155, 157)` looks like.

```
.text, #text, p{  
  color:rgb(43, 155, 157)  
}
```

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(43, 155, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 155, 157) }
```

Border

The CSS property to change the border of an element to YUV 121.7400, 17.3832, -69.0550 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(43, 155, 157) }
```


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

```
.border{ border-color:rgb(43, 155, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 155, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 155, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 155, 157);  
box-shadow:4px 4px 4px 4px rgb(43, 155,  
157) }
```

Background

The CSS property to change the background color of an element to YUV 121.7400, 17.3832, -69.0550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 155, 157) }
```

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

```
.background{ background-color: rgb(43, 155,  
157) }
```

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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