

Converting Colors

YUV(129.4230, 34.7945,
-100.3490)

Have a look what the booklet for
YUV(129.4230, 34.7945, -100.3490)
contains.

YUV(129.4230, 34.7945, -100.3490)	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(129.4230, 34.7945,
-100.3490)**

Conversions

Conversions Part 1

Format	Color
Hex	0FAEC8
RGB	15, 174, 200
RGB Percent	6%, 68%, 78%
CMY	0.9412, 0.3176, 0.2157
CMYK	0.92, 0.13, 0.00, 0.22
HSL	188°, 86%, 42%
HSV	188°, 92%, 78%
XYZ	25.7584, 34.5438, 59.9536
YIQ	129.4230, -103.1100, -25.6220

Conversions

Conversions Part 2

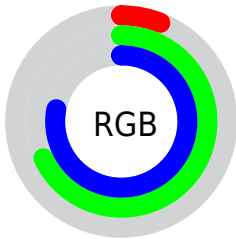
Format	Color
RYB	15, 101, 200
Decimal	1027784
CIELab	65.39, -27.26, -23.60
CIELCh	65, 36.054, 220.877
Yxy	34.5438, 0.2142, 0.2873
Android (android.graphics.Color)	4279217864 (0xFF0FAEC8)
YUV	129.4230, 34.7945, -100.3490
Hunter-Lab	58.7740, -24.6247, -19.3382

Details

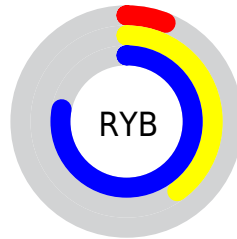
The YUV color **129.4230, 34.7945, -100.3490** is a dark color, and the websafe version is hex **339999**. The color can be described as dark washed azure. A complement of this color would be **85.5770, -34.7945, 100.3490**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **195.1760, 29.4932, -79.9614**, and **87.6710, 28.7562, -76.8875** is the 20% darker color. If you saturate the color by 10%, you get **123.7640, 37.5843, -108.5410**, and if you desaturate by 10%, it is **137.1640, 30.9781, -89.5978**.

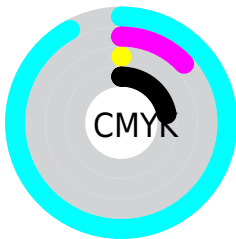
Distribution



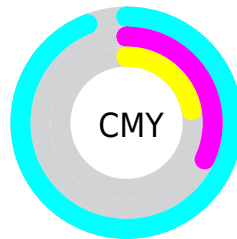
- Red (6%)
- Green (68%)
- Blue (78%)



- Red (6%)
- Yellow (40%)
- Blue (78%)



- Cyan (92%)
- Magenta (13%)
- Yellow (0%)
- Black (22%)



- Cyan (94%)
- Magenta (32%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 129.4230, 34.7945, -100.3490 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 129.4230, 34.7945, -100.3490 by changing the saturation by 10% instead.

■ 129.4230, 34.7945,
-100.3490

■ 129.4230, 34.7945,
-100.3490

■ 255.0000, 0.0000,
0.0000

■ 106.0110, 33.0256,
-92.9716

■ 195.1760, 29.4932,
-79.9614

■ 87.6710, 28.7562,
-76.8875

■ 219.4190, 17.5414,
-73.1585

■ 70.0320, 24.6342,
-61.4181

■ 228.6880, 12.9718,
-54.1004

■ 53.0940, 20.6597,
-46.5634

■ 237.9570, 8.4022,
-35.0423

■ 36.9710, 17.2693,
-32.4236

■ 247.2260, 3.8326,
-15.9842

■ 22.6090, 13.0108,
-19.8281

■ 4.3660, 11.6516,

-3.8290

■ 0.0000, 0.0000,
0.0000

■ 129.4230, 34.7945,
-100.3490

■ 129.4230, 34.7945,
-100.3490

■ 123.7640, 37.5843,
-108.5410

■ 137.1640, 30.9781,
-89.5978

■ 144.9050, 27.1618,
-78.8467

■ 152.0590, 23.6349,
-67.5807

■ 159.8000, 19.8186,
-56.8296

■ 167.5410, 16.0023,
-46.0785

■ 175.2820, 12.1860,
-35.3273

■ 183.0230, 8.3697,
-24.5762

■ 190.1770, 4.8427,
-13.3102

■ 197.9180, 1.0264,
-2.5591

Harmonies

Analogous

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



136.1470, 16.6895, -79.9359



129.4230, 34.7945, -100.3490



145.7080, 36.1330, -62.8879

Triad

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



129.4230, 34.7945, -100.3490



162.9570, 8.8952, 40.3797



155.4550, -30.2973, 11.0020

Complementary

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



129.4230, 34.7945, -100.3490



85.5770, -34.7945, 100.3490

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.



158.4240, -29.7890, 34.7082



129.4230, 34.7945, -100.3490



161.9080, -6.8566, 52.7007

Square

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



129.4230, 34.7945, -100.3490



162.6360, 22.3645, 13.4742



159.9280, -20.6705, 50.0521



151.3960, -20.9012, -16.1333

Rectangle

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



129.4230, 34.7945, -100.3490



154.3030, 33.8676, -36.2227



159.9280, -20.6705, 50.0521



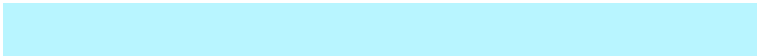
156.3960, -30.7612, 19.8237

Sweetspot

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



129.4230, 34.7945, -100.3490



227.9010, 13.3598, -38.5012



126.4450, -42.6174, -97.7373



110.7350, 8.5116, -23.4466



0.0000, 0.0000, 0.0000



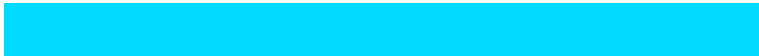
128.0000, 0.0000, 0.0000

Same Dimension

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



129.4230, 34.7945, -100.3490



157.6230, 48.0069, -138.2354



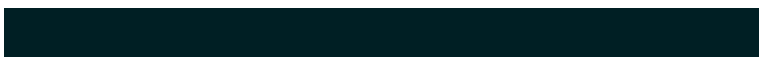
76.0060, 61.1290, -53.5023



95.7220, 1.6161, -5.0182



100.7620, 30.6833, -88.3683



22.3010, 6.7536, -19.5580

Inverse Universe

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



88.4410, 42.1806, 97.8372



101.2110, 58.0700, 134.8730



138.9940, -61.1290, 53.5023



93.6030, 2.1677, 4.7332



64.6970, 37.1244, 86.2117



14.2980, 8.2341, 19.0327

Previews

White Background



This preview shows how the YUV color 129.4230, 34.7945, -100.3490 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 129.4230, 34.7945, -100.3490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

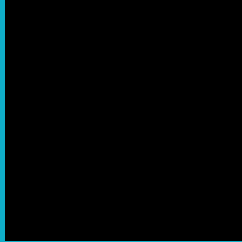
Any Text WCAG AA ✓ Pass

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 129.4230, 34.7945, -100.3490 Background



This preview shows how black text looks on a background with the YUV color 129.4230, 34.7945, -100.3490.

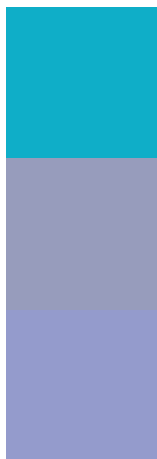


This preview shows how white text looks on a background with the YUV color 129.4230, 34.7945, -100.3490.

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

129.4230, 34.7945, -100.3490

Protanopia

158.1530, 14.7146, -6.2732

Deuteranopia

158.4930, 22.4350, -9.2024



Tritanopia

124.2710, 31.9114, -108.9857

Trichromacy



Original Color

129.4230, 34.7945, -100.3490

Protanomaly

148.0670, 21.6590, -40.4008

Deuteranomaly

148.1360, 27.0480, -42.2153

Tritanomaly

126.2220, 32.9216, -106.3117

Monochromacy



Original Color

129.4230, 34.7945, -100.3490

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

129.0970, 12.7702, -36.0421

CSS Examples

Text

The CSS property to change the color of the text to YUV 129.4230, 34.7945, -100.3490 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(15, 174, 200)` looks like.

```
.text, #text, p{  
    color:rgb(15, 174, 200)  
}
```

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(15, 174, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 174, 200) }
```

Border

The CSS property to change the border of an element to YUV 129.4230, 34.7945, -100.3490 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(15, 174, 200) }
```


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

```
.border{ border-color:rgb(15, 174, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 174, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 174, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 174, 200);  
box-shadow:4px 4px 4px 4px rgb(15, 174,  
200) }
```

Background

The CSS property to change the background color of an element to YUV 129.4230, 34.7945, -100.3490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 174, 200) }
```

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

```
.background{ background-color: rgb(15, 174,  
200) }
```

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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