

Converting Colors

YUV(141.2300, 30.9456,
-79.1317)

Have a look what the booklet for
YUV(141.2300, 30.9456, -79.1317)
contains.

YUV(141.2300, 30.9456, -79.1317)	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(141.2300, 30.9456,
-79.1317)**

Conversions

Conversions Part 1

Format	Color
Hex	33AFCC
RGB	51, 175, 204
RGB Percent	20%, 69%, 80%
CMY	0.8000, 0.3137, 0.2000
CMYK	0.75, 0.14, 0.00, 0.20
HSL	191°, 60%, 50%
HSV	191°, 75%, 80%
XYZ	27.5943, 35.7234, 62.5677
YIQ	141.2300, -83.2130, -17.2690

Conversions

Conversions Part 2

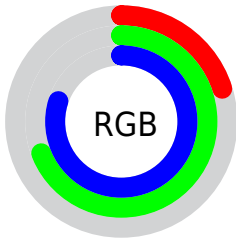
Format	Color
RYB	51, 119, 204
Decimal	3387340
CIELab	66.31, -23.70, -24.36
CIELCh	66, 33.989, 225.794
Yxy	35.7234, 0.2192, 0.2838
Android (android.graphics.Color)	4281577420 (0xFF33AFCC)
YUV	141.2300, 30.9456, -79.1317
Hunter-Lab	59.7690, -22.1856, -20.2279

Details

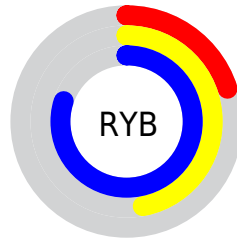
The YUV color **141.2300, 30.9456, -79.1317** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle muted azure. A complement of this color would be **113.7700, -30.9456, 79.1317**, and the grayscale version is **141.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.5470, 26.8453, -70.6397**, and **88.7140, 30.2140, -77.8022** is the 20% darker color. If you saturate the color by 10%, you get **132.9020, 35.0513, -89.3681**, and if you desaturate by 10%, it is **149.5580, 26.8399, -68.8954**.

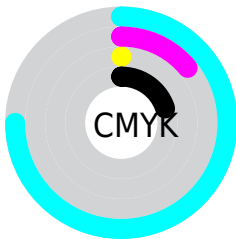
Distribution



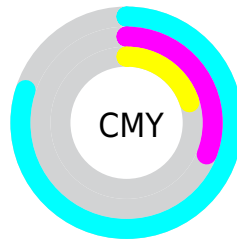
- Red (20%)
- Green (69%)
- Blue (80%)



- Red (20%)
- Yellow (47%)
- Blue (80%)



- Cyan (75%)
- Magenta (14%)
- Yellow (0%)
- Black (20%)



- Cyan (80%)
- Magenta (31%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 141.2300, 30.9456, -79.1317 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 141.2300, 30.9456, -79.1317 by changing the saturation by 10% instead.

■ 141.2300, 30.9456,
-79.1317

■ 141.2300, 30.9456,
-79.1317

■ 255.0000, 0.0000,
0.0000

■ 107.0540, 34.4834,
-93.8864

■ 200.5470, 26.8453,
-70.6397

■ 88.7140, 30.2140,
-77.8022

■ 223.6050, 15.4777,
-64.5516

■ 71.0750, 26.0920,
-62.3328

■ 232.8740, 10.9081,
-45.4935

■ 54.1370, 22.1175,
-47.4781

■ 241.8440, 6.4859,
-27.0502

■ 37.9000, 18.2903,
-33.2383

■ 250.8140, 2.0637,
-8.6069

■ 24.1250, 13.7424,
-21.1576

■ 4.7080, 12.9620,

-4.1289

■ 0.2280, 0.8736,
-0.2000

■ 0.0000, 0.0000,
0.0000

■ 141.2300, 30.9456,
-79.1317

■ 141.2300, 30.9456,
-79.1317

■ 132.9020, 35.0513,
-89.3681

■ 149.5580, 26.8399,
-68.8954

■ 124.2750, 39.3044,
-100.2192

■ 158.1850, 22.5868,
-58.0442

■ 120.1110, 41.3573,
-105.3373

■ 166.5130, 18.4811,
-47.8079

■ 174.5530, 14.5174,
-36.4420

■ 182.8810, 10.4117,
-26.2056

■ 191.2090, 6.3060,
-15.9693

■ 199.8360, 2.0529,
-5.1182

■ 208.1640, -2.0529,
5.1182

■ 216.7910, -6.3060,
15.9693

Harmonies

Analogous

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



141.4080, 17.5469, -74.9028



141.2300, 30.9456, -79.1317



151.8020, 33.6216, -50.6924

Triad

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



141.2300, 30.9456, -79.1317



165.1590, 5.8376, 41.0796



157.5300, -27.3763, 7.4282

Complementary

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



141.2300, 30.9456, -79.1317



113.7700, -30.9456, 79.1317

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.



160.3310, -28.7572, 30.4047



141.2300, 30.9456, -79.1317



163.7290, -8.7404, 50.2267

Square

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



141.2300, 30.9456, -79.1317



165.4470, 19.0066, 17.1480



162.3790, -21.3858, 46.1486



153.5850, -17.5434, -19.8070

Rectangle

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



141.2300, 30.9456, -79.1317



158.6740, 31.2197, -26.9011



162.3790, -21.3858, 46.1486



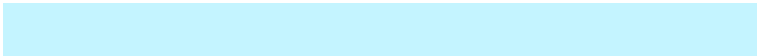
158.5310, -28.8558, 15.3203

Sweetspot

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



141.2300, 30.9456, -79.1317



230.9020, 11.8803, -30.6091



144.0030, -32.0465, -81.5636



113.1270, 7.3324, -18.5284



0.0000, 0.0000, 0.0000



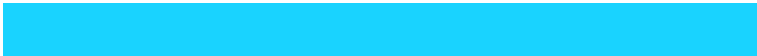
128.0000, 0.0000, 0.0000

Same Dimension

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



141.2300, 30.9456, -79.1317



160.4020, 46.6368, -118.7476



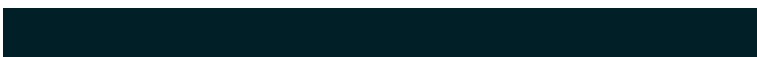
96.6180, 52.9393, -40.0070



97.8360, 2.0529, -5.1182



97.5820, 33.7301, -85.5794



22.5290, 7.6272, -19.7579

Inverse Universe

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



110.8830, 31.6097, 81.6636



114.9740, 47.3408, 122.8028



158.3820, -52.9393, 40.0070



95.9020, 2.0203, 5.3479



64.9100, 34.0614, 88.6559



14.8960, 7.9393, 20.2622

Previews

White Background



This preview shows how the YUV color 141.2300, 30.9456, -79.1317 looks on a white background.

Color Contrast Check

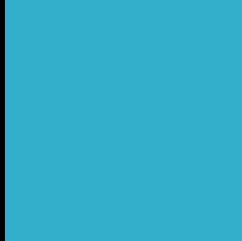
Large Text (above 18pt) WCAG AA × Fail

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 141.2300, 30.9456, -79.1317 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

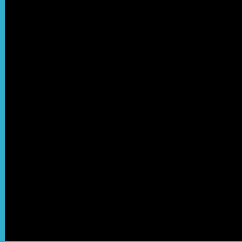
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 141.2300, 30.9456, -79.1317

Background



This preview shows how black text looks on a background with the YUV color 141.2300, 30.9456, -79.1317.

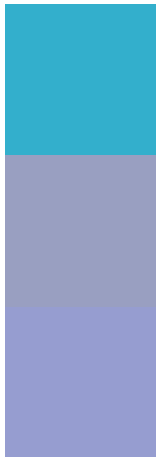


This preview shows how white text looks on a background with the YUV color 141.2300, 30.9456, -79.1317.

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

141.2300, 30.9456, -79.1317

Protanopia

161.0820, 15.7356, -7.0879

Deuteranopia

160.7210, 23.3085, -9.4023



Tritanopia

137.7470, 26.7467, -85.7241

Trichromacy



Original Color

141.2300, 30.9456, -79.1317

Protanomaly

153.9970, 21.2005, -33.3234

Deuteranomaly

153.9520, 26.1527, -35.0379

Tritanomaly

138.8120, 28.1937, -83.1501

Monochromacy



Original Color

141.2300, 30.9456, -79.1317

Achromatopsia

141.0000, 0.0000, 0.0000

Achromatomaly

140.7990, 11.4381, -28.7647

CSS Examples

Text

The CSS property to change the color of the text to YUV 141.2300, 30.9456, -79.1317 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(51, 175, 204)` looks like.

```
.text, #text, p{  
    color:rgb(51, 175, 204)  
}
```

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(51, 175, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 175, 204) }
```

Border

The CSS property to change the border of an element to YUV 141.2300, 30.9456, -79.1317 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(51, 175, 204) }
```


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

```
.border{ border-color:rgb(51, 175, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 175, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 175, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 175, 204);  
box-shadow:4px 4px 4px 4px rgb(51, 175,  
204) }
```

Background

The CSS property to change the background color of an element to YUV 141.2300, 30.9456, -79.1317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 175, 204) }
```

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

```
.background{ background-color: rgb(51, 175,  
204) }
```

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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