

Converting Colors

YUV(130.3280, 28.9253,
-84.4797)

Have a look what the booklet for
YUV(130.3280, 28.9253, -84.4797)
contains.

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Color

**YUV(130.3280, 28.9253,
-84.4797)**

Conversions

Conversions Part 1

Format	Color
Hex	22A8BD
RGB	34, 168, 189
RGB Percent	13%, 66%, 74%
CMY	0.8667, 0.3412, 0.2588
CMYK	0.82, 0.11, 0.00, 0.26
HSL	188°, 70%, 44%
HSV	188°, 82%, 74%
XYZ	23.8476, 32.0195, 53.0676
YIQ	130.3280, -86.6050, -21.8770

Conversions

Conversions Part 2

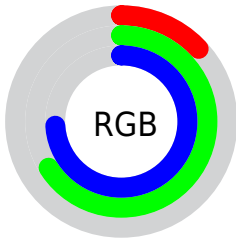
Format	Color
RYB	34, 106, 189
Decimal	2271421
CIELab	63.36, -26.71, -20.57
CIELCh	63, 33.707, 217.602
Yxy	32.0195, 0.2189, 0.2939
Android (android.graphics.Color)	4280461501 (0xFF22A8BD)
YUV	130.3280, 28.9253, -84.4797
Hunter-Lab	56.5857, -23.7976, -15.9937

Details

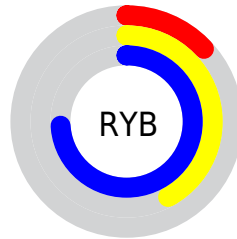
The YUV color **130.3280, 28.9253, -84.4797** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **92.6720, -28.9253, 84.4797**, and the grayscale version is **130.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.1230, 26.5614, -72.8989**, and **83.5960, 25.8352, -73.3137** is the 20% darker color. If you saturate the color by 10%, you get **122.8860, 32.5942, -94.6160**, and if you desaturate by 10%, it is **137.7700, 25.2564, -74.3433**.

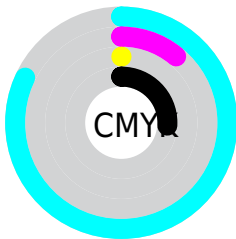
Distribution



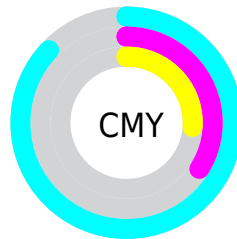
- Red (13%)
- Green (66%)
- Blue (74%)



- Red (13%)
- Yellow (42%)
- Blue (74%)



- Cyan (82%)
- Magenta (11%)
- Yellow (0%)
- Black (26%)



- Cyan (87%)
- Magenta (34%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 130.3280, 28.9253, -84.4797 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 130.3280, 28.9253, -84.4797 by changing the saturation by 10% instead.

130.3280, 28.9253,
-84.4797

130.3280, 28.9253,
-84.4797

255.0000, 0.0000,
0.0000

101.2350, 29.9571,
-88.7831

191.1230, 26.5614,
-72.8989

83.5960, 25.8352,
-73.3137

218.5550, 17.9674,
-69.7697

65.9570, 21.7132,
-57.8443

229.2860, 12.6770,
-52.8708

49.1330, 18.1754,
-43.0896

238.2560, 8.2548,
-34.4275

33.0100, 14.7851,
-28.9498

247.5250, 3.6852,
-15.3694

17.5880, 11.5421,
-15.4247

2.7530, 8.0098,

-2.4144

■ 0.0000, 0.0000,
0.0000

■ 130.3280, 28.9253,
-84.4797

■ 130.3280, 28.9253,
-84.4797

■ 122.8860, 32.5942,
-94.6160

■ 137.7700, 25.2564,
-74.3433

■ 117.2270, 35.3841,
-102.8081

■ 144.6250, 21.8769,
-63.6921

■ 152.0670, 18.2080,
-53.5558

■ 158.9220, 14.8285,
-42.9046

■ 166.3640, 11.1595,
-32.7682

■ 172.9200, 7.9274,
-22.7318

■ 180.3620, 4.2585,
-12.5955

■ 187.2170, 0.8790,
-1.9443

■ 194.6590, -2.7899,
8.1921

Harmonies

Analogous

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



135.0730, 12.2890, -68.4700



130.3280, 28.9253, -84.4797



140.9210, 33.0699, -60.4437

Triad

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



130.3280, 28.9253, -84.4797



157.7390, 9.4957, 34.4319



150.6340, -28.4136, 13.4760

Complementary

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



130.3280, 28.9253, -84.4797



92.6720, -28.9253, 84.4797

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.



153.1080, -27.1682, 34.1083



130.3280, 28.9253, -84.4797



156.1570, -4.5144, 48.0973

Square

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



130.3280, 28.9253, -84.4797



156.7880, 21.7965, 8.9559



154.6010, -18.0443, 47.7079



146.8310, -20.6227, -12.1298

Rectangle

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



130.3280, 28.9253, -84.4797



148.1350, 31.9784, -36.9524



154.6010, -18.0443, 47.7079



151.8630, -29.0195, 21.1681

Sweetspot

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



130.3280, 28.9253, -84.4797



222.0650, 11.3070, -33.3830



127.3790, -35.6828, -81.8934



108.3010, 6.7536, -19.5580



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.



130.3280, 28.9253, -84.4797



153.8690, 44.9276, -130.5581



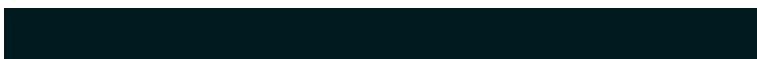
85.1290, 51.2084, -44.8401



90.7220, 1.6161, -5.0182



98.4310, 29.3675, -86.3240



18.7960, 6.0166, -16.4841

Inverse Universe

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



95.6210, 35.6828, 81.8934



100.3580, 55.0395, 126.8510



137.8710, -51.2084, 44.8401



88.6030, 2.1677, 4.7332



62.8600, 36.5510, 83.4378



12.2330, 6.7871, 16.4587

Previews

White Background



This preview shows how the YUV color 130.3280, 28.9253, -84.4797 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 130.3280, 28.9253, -84.4797 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

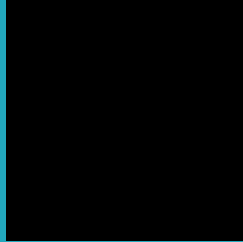
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 130.3280, 28.9253, -84.4797

Background



This preview shows how black text looks on a background with the YUV color 130.3280, 28.9253, -84.4797.

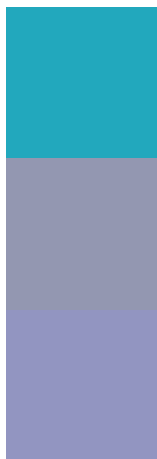


This preview shows how white text looks on a background with the YUV color 130.3280, 28.9253, -84.4797.

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

130.3280, 28.9253, -84.4797

Protanopia

152.7680, 11.9464, -5.0585

Deuteranopia

153.1190, 19.6613, -6.2434



Tritanopia

127.8390, 27.1944, -89.3128

Trichromacy



Original Color

130.3280, 28.9253, -84.4797

Protanomaly

144.4870, 18.0009, -33.7531

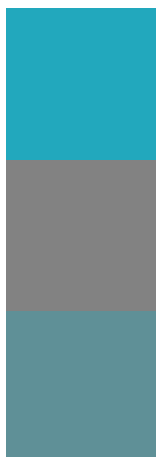
Deuteranomaly

144.8550, 23.2425, -34.9528

Tritanomaly

128.9640, 27.6257, -87.6684

Monochromacy



Original Color

130.3280, 28.9253, -84.4797

Achromatopsia

130.0000, 0.0000, 0.0000

Achromatomaly

130.1470, 10.2805, -30.8239

CSS Examples

Text

The CSS property to change the color of the text to YUV 130.3280, 28.9253, -84.4797 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(34, 168, 189)` looks like.

```
.text, #text, p{  
    color:rgb(34, 168, 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(34, 168, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 168, 189) }
```

Border

The CSS property to change the border of an element to YUV 130.3280, 28.9253, -84.4797 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(34, 168, 189) }
```


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

```
.border{ border-color:rgb(34, 168, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 168, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 168, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 168, 189);  
box-shadow:4px 4px 4px 4px rgb(34, 168,  
189) }
```

Background

The CSS property to change the background color of an element to YUV 130.3280, 28.9253, -84.4797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 168, 189) }
```

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

```
.background{ background-color: rgb(34, 168,  
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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