

Converting Colors

YUV(130.0460, 26.5993,
-85.1093)

Have a look what the booklet for
YUV(130.0460, 26.5993, -85.1093)
contains.

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Color

**YUV(130.0460, 26.5993,
-85.1093)**

Conversions

Conversions Part 1

Format	Color
Hex	21A9B8
RGB	33, 169, 184
RGB Percent	13%, 66%, 72%
CMY	0.8706, 0.3373, 0.2784
CMYK	0.82, 0.08, 0.00, 0.28
HSL	186°, 70%, 43%
HSV	186°, 82%, 72%
XYZ	23.4669, 32.1600, 50.3181
YIQ	130.0460, -85.8710, -24.1670

Conversions

Conversions Part 2

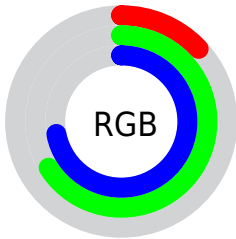
Format	Color
RYB	33, 105, 184
Decimal	2206136
CIELab	63.47, -28.89, -17.60
CIELCh	63, 33.831, 211.350
Yxy	32.1600, 0.2215, 0.3036
Android (android.graphics.Color)	4280396216 (0xFF21A9B8)
YUV	130.0460, 26.5993, -85.1093
Hunter-Lab	56.7098, -25.3775, -12.9107

Details

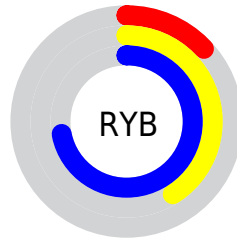
The YUV color **130.0460, 26.5993, -85.1093** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **86.9540, -26.5993, 85.1093**, and the grayscale version is **130.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.4280, 23.9460, -74.0434**, and **83.0260, 23.6512, -72.8138** is the 20% darker color. If you saturate the color by 10%, you get **123.4900, 29.8314, -95.1457**, and if you desaturate by 10%, it is **136.6020, 23.3672, -75.0730**.

Distribution



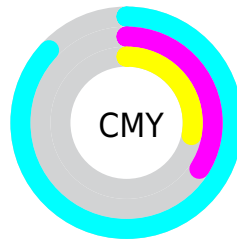
- Red (13%)
- Green (66%)
- Blue (72%)



- Red (13%)
- Yellow (41%)
- Blue (72%)



- Cyan (82%)
- Magenta (8%)
- Yellow (0%)
- Black (28%)



- Cyan (87%)
- Magenta (34%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YUV color 130.0460, 26.5993, -85.1093 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 130.0460, 26.5993, -85.1093 by changing the saturation by 10% instead.

■ 130.0460, 26.5993,
-85.1093

■ 130.0460, 26.5993,
-85.1093

■ 255.0000, 0.0000,
0.0000

■ 101.2520, 27.4838,
-88.7980

■ 191.4280, 23.9460,
-74.0434

■ 83.0260, 23.6512,
-72.8138

■ 218.8430, 17.8254,
-70.8993

■ 65.5010, 19.9660,
-57.4444

■ 228.9870, 12.8244,
-53.4856

■ 48.6770, 16.4282,
-42.6897

■ 237.9570, 8.4022,
-35.0423

■ 32.5540, 13.0379,
-28.5499

■ 247.2260, 3.8326,
-15.9842

■ 17.1320, 9.7949,
-15.0248

■ 2.2970, 6.2626,

-2.0145

■ 0.0000, 0.0000,
0.0000

■ 130.0460, 26.5993,
-85.1093

■ 130.0460, 26.5993,
-85.1093

■ 123.4900, 29.8314,
-95.1457

■ 136.6020, 23.3672,
-75.0730

■ 118.4180, 32.3319,
-103.8526

■ 143.4570, 19.9877,
-64.4218

■ 149.4260, 17.0450,
-53.8706

■ 156.2810, 13.6655,
-43.2194

■ 162.8370, 10.4334,
-33.1830

■ 169.3930, 7.2013,
-23.1467

■ 176.2480, 3.8217,
-12.4955

■ 182.8040, 0.5896,
-2.4591

■ 189.0720, -2.5005,
8.7069

Harmonies

Analogous

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



136.7810, 8.4890, -62.9519



130.0460, 26.5993, -85.1093



138.2900, 33.3810, -66.9063

Triad

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



130.0460, 26.5993, -85.1093



157.8140, 12.4167, 30.8581



151.2540, -28.7192, 18.1942

Complementary

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



130.0460, 26.5993, -85.1093



86.9540, -26.5993, 85.1093

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.



153.8850, -25.5793, 37.8119



130.0460, 26.5993, -85.1093



156.8410, -1.8936, 47.4974

Square

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



130.0460, 26.5993, -85.1093



156.0260, 24.1442, 2.6082



155.2960, -15.4289, 48.8524



148.1800, -23.2597, -6.2969

Rectangle

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



130.0460, 26.5993, -85.1093



146.3190, 32.8737, -44.1298



155.2960, -15.4289, 48.8524



152.5970, -28.8883, 25.7864

Sweetspot

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



130.0460, 26.5993, -85.1093



218.5380, 10.5808, -33.7978



123.1190, -38.0197, -79.0344



106.8880, 6.4642, -20.0728



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



130.0460, 26.5993, -85.1093



155.6470, 41.5860, -132.1174



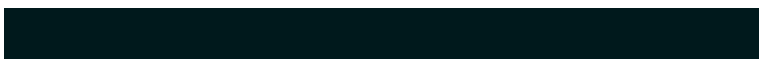
87.1950, 47.7249, -47.5290



88.7220, 1.6161, -5.0182



99.9640, 27.6257, -87.6684



17.8670, 4.9956, -15.6694

Inverse Universe

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



93.6530, 37.1461, 79.2343



99.3190, 57.5237, 123.3772



129.8050, -47.7249, 47.5290



86.6030, 2.1677, 4.7332



62.6040, 38.1562, 81.9083



11.2220, 6.7926, 14.7143

Previews

White Background



This preview shows how the YUV color 130.0460, 26.5993, -85.1093 looks on a white background.

Color Contrast Check

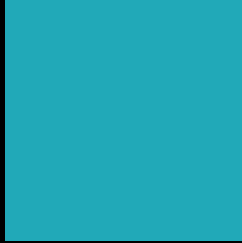
Large Text (above 18pt) WCAG AA × Fail

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 130.0460, 26.5993, -85.1093 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

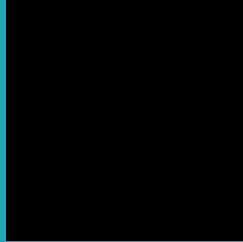
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 130.0460, 26.5993, -85.1093

Background



This preview shows how black text looks on a background with the YUV color 130.0460, 26.5993, -85.1093.

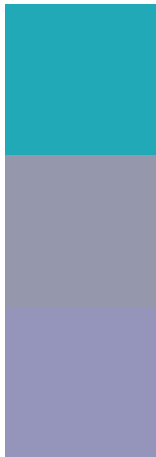


This preview shows how white text looks on a background with the YUV color 130.0460, 26.5993, -85.1093.

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

130.0460, 26.5993, -85.1093

Protanopia

152.7960, 9.4676, -3.3291

Deuteranopia

153.4460, 17.0351, -3.8991



Tritanopia

129.6330, 26.3099, -85.6241

Trichromacy



Original Color

130.0460, 26.5993, -85.1093

Protanomaly

144.8030, 15.3801, -33.1532

Deuteranomaly

144.8830, 20.7637, -33.2234

Tritanomaly

129.6330, 26.3099, -85.6241

Monochromacy



Original Color

130.0460, 26.5993, -85.1093

Achromatopsia

130.0000, 0.0000, 0.0000

Achromatomaly

130.0330, 9.8437, -30.7239

CSS Examples

Text

The CSS property to change the color of the text to YUV 130.0460, 26.5993, -85.1093 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(33, 169, 184)` looks like.

```
.text, #text, p{  
    color:rgb(33, 169, 184)  
}
```

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(33, 169, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 169, 184) }
```

Border

The CSS property to change the border of an element to YUV 130.0460, 26.5993, -85.1093 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(33, 169, 184) }
```


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

```
.border{ border-color:rgb(33, 169, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 169, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 169, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 169, 184);  
box-shadow:4px 4px 4px 4px rgb(33, 169,  
184) }
```

Background

The CSS property to change the background color of an element to YUV 130.0460, 26.5993, -85.1093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 169, 184) }
```

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

```
.background{ background-color: rgb(33, 169,  
184) }
```

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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