

Converting Colors

YUV(134.0770, 12.7800,
-86.0135)

Have a look what the booklet for
YUV(134.0770, 12.7800, -86.0135)
contains.

YUV(134.0770, 12.7800, -86.0135)	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(134.0770, 12.7800,
-86.0135)**

Conversions

Conversions Part 1

Format	Color
Hex	24B3A0
RGB	36, 179, 160
RGB Percent	14%, 70%, 63%
CMY	0.8588, 0.2980, 0.3725
CMYK	0.80, 0.00, 0.11, 0.30
HSL	172°, 67%, 42%
HSV	172°, 80%, 70%
XYZ	23.1928, 35.1533, 38.8206
YIQ	134.0770, -79.1290, -36.2250

Conversions

Conversions Part 2

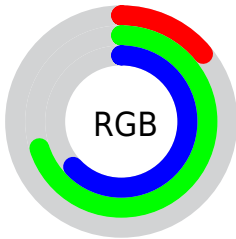
Format	Color
R _Y B	36, 113, 179
Decimal	2405280
CIE Lab	65.87, -40.43, -0.67
CIE LCh	66, 40.438, 180.944
Yxy	35.1533, 0.2387, 0.3618
Android (android.graphics.Color)	4280595360 (0xFF24B3A0)
YUV	134.0770, 12.7800, -86.0135
Hunter-Lab	59.2902, -33.9333, 2.6827

Details

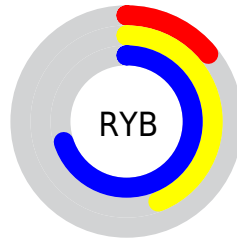
The YUV color **134.0770, 12.7800, -86.0135** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **80.9230, -12.7800, 86.0135**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.4480, 10.1321, -76.6919**, and **85.8010, 11.4371, -75.2475** is the 20% darker color. If you saturate the color by 10%, you get **128.4670, 14.5598, -96.8796**, and if you desaturate by 10%, it is **139.6870, 11.0003, -75.1475**.

Distribution



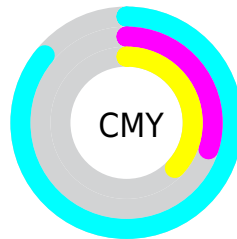
- Red (14%)
- Green (70%)
- Blue (63%)



- Red (14%)
- Yellow (44%)
- Blue (70%)



- Cyan (80%)
- Magenta (0%)
- Yellow (11%)
- Black (30%)



- Cyan (86%)
- Magenta (30%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 134.0770, 12.7800, -86.0135 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 134.0770, 12.7800, -86.0135 by changing the saturation by 10% instead.

■ 134.0770, 12.7800,
-86.0135

■ 134.0770, 12.7800,
-86.0135

■ 255.0000, 0.0000,
0.0000

■ 104.5000, 14.5435,
-91.6465

■ 194.4480, 10.1321,
-76.6919

■ 85.8010, 11.4371,
-75.2475

■ 218.6490, 12.0050,
-70.7292

■ 68.2760, 7.7519,
-59.8781

■ 228.9870, 12.8244,
-53.4856

■ 50.9790, 4.9404,
-44.7086

■ 237.9570, 8.4022,
-35.0423

■ 34.4970, 2.7130,
-30.2539

■ 246.9270, 3.9800,
-16.5990

■ 19.1890, -0.0932,
-16.8288

■ 0.0000, 0.0000,

0.0000

■ 134.0770, 12.7800,
-86.0135

■ 134.0770, 12.7800,
-86.0135

■ 128.4670, 14.5598,
-96.8796

■ 139.6870, 11.0003,
-75.1475

■ 122.7430, 15.9027,
-107.6456

■ 145.4110, 9.6574,
-64.3814

■ 151.0210, 7.8776,
-53.5154

■ 156.7450, 6.5347,
-42.7494

■ 162.3550, 4.7550,
-31.8833

■ 167.6660, 3.1227,
-21.6321

■ 173.3900, 1.7797,
-10.8660

■ 179.0000, 0.0000,
0.0000

■ 184.6100, -1.7797,
10.8660

Harmonies

Analogous

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



147.3480, -11.5106, -41.5242



134.0770, 12.7800, -86.0135



126.8300, 34.1008, -111.2299

Triad

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



134.0770, 12.7800, -86.0135



162.6930, 29.2384, 2.0232



159.2620, -30.6952, 45.3742

Complementary

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



134.0770, 12.7800, -86.0135



80.9230, -12.7800, 86.0135

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.



161.6670, -18.0768, 58.1740



134.0770, 12.7800, -86.0135



164.3570, 15.6000, 36.5209

Square

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



134.0770, 12.7800, -86.0135



153.5240, 38.6887, -42.5555



163.0100, -1.4839, 56.1192



156.9680, -34.9872, 21.9531

Rectangle

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



134.0770, 12.7800, -86.0135



127.2350, 43.2681, -111.5851



163.0100, -1.4839, 56.1192



159.9190, -27.0751, 50.9370

Sweetspot

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



134.0770, 12.7800, -86.0135



214.4580, 5.1972, -33.7277



125.6220, -44.1836, -61.9355



106.3780, 3.2646, -20.5025



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



134.0770, 12.7800, -86.0135



161.9030, 19.7678, -134.0959



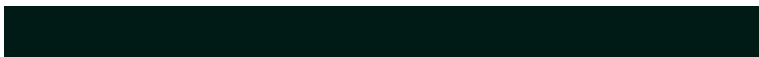
105.7190, 36.1275, -61.1436



86.1950, 0.8899, -5.4330



104.9730, 13.8173, -92.0613



17.7700, 2.0854, -15.5843

Inverse Universe

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



80.9230, -12.7800, 86.0135



79.0970, -19.7678, 134.0959



109.2810, -36.1275, 61.1436



82.9190, -0.4531, 5.3330



48.0270, -13.8173, 92.0613



8.1160, -2.5222, 15.6843

Previews

White Background



This preview shows how the YUV color 134.0770, 12.7800, -86.0135 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 134.0770, 12.7800, -86.0135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

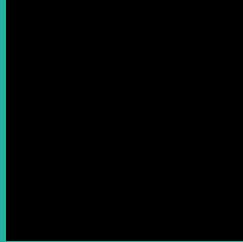
Any Text WCAG AA ✓ Pass

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 134.0770, 12.7800, -86.0135 Background



This preview shows how black text looks on a background with the YUV color 134.0770, 12.7800, -86.0135.

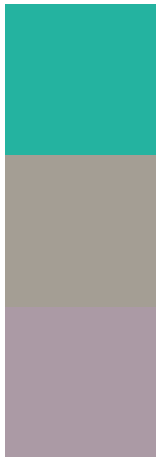


This preview shows how white text looks on a background with the YUV color 134.0770, 12.7800,

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

134.0770, 12.7800, -86.0135

Protanopia

158.6540, -5.2524, 4.6884

Deuteranopia

160.3370, 2.2989, 9.3515



Tritanopia

141.3140, 23.5092, -73.9434

Trichromacy



Original Color

134.0770, 12.7800, -86.0135



Protanomaly

149.7530, 1.1078, -28.7244



Deuteranomaly

150.7410, 6.0437, -25.2059



Tritanomaly

138.2550, 19.5943, -78.2766

Monochromacy



Original Color

134.0770, 12.7800, -86.0135



Achromatopsia

134.0000, 0.0000, 0.0000



Achromatomaly

133.6540, 4.6076, -31.2686

CSS Examples

Text

The CSS property to change the color of the text to YUV 134.0770, 12.7800, -86.0135 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(36, 179, 160)` looks like.

```
.text, #text, p{  
    color:rgb(36, 179, 160)  
}
```

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(36, 179, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 179, 160) }
```

Border

The CSS property to change the border of an element to YUV 134.0770, 12.7800, -86.0135 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(36, 179, 160) }
```


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

```
.border{ border-color:rgb(36, 179, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 179, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 179, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 179, 160);  
box-shadow:4px 4px 4px 4px rgb(36, 179,  
160) }
```

Background

The CSS property to change the background color of an element to YUV 134.0770, 12.7800, -86.0135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 179, 160) }
```

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

```
.background{ background-color: rgb(36, 179,  
160) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor