

Converting Colors

YUV(134.7140, -10.2120,
-84.8182)

Have a look what the booklet for
YUV(134.7140, -10.2120, -84.8182)
contains.

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Color

**YUV(134.7140, -10.2120,
-84.8182)**

Conversions

Conversions Part 1

Format	Color
Hex	26BC72
RGB	38, 188, 114
RGB Percent	15%, 74%, 45%
CMY	0.8510, 0.2627, 0.5529
CMYK	0.80, 0.00, 0.39, 0.26
HSL	150°, 66%, 44%
HSV	150°, 80%, 74%
XYZ	21.8198, 37.5934, 22.0258
YIQ	134.7140, -65.6460, -54.8140

Conversions

Conversions Part 2

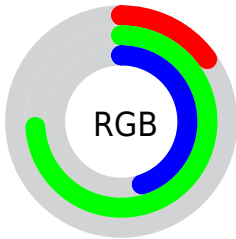
Format	Color
RYP	38, 138, 188
Decimal	2538610
CIELab	67.72, -54.71, 26.94
CIElCh	68, 60.980, 153.783
Yxy	37.5934, 0.2679, 0.4616
Android (android.graphics.Color)	4280728690 (0xFF26BC72)
YUV	134.7140, -10.2120, -84.8182
Hunter-Lab	61.3135, -43.7752, 21.6205

Details

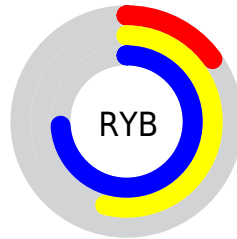
The YUV color **134.7140, -10.2120, -84.8182** is a dark color, and the websafe version is hex **00CC99**. A complement of this color would be **91.2860, 10.2120, 84.8182**, and the grayscale version is **135.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **195.3300, -14.4597, -75.7114**, and **85.4810, -10.0971, -74.9668** is the 20% darker color. If you saturate the color by 10%, you get **128.0070, -11.3425, -95.5991**, and if you desaturate by 10%, it is **141.4210, -9.0816, -74.0372**.

Distribution



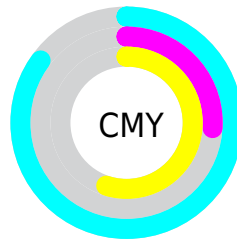
- Red (15%)
- Green (74%)
- Blue (45%)



- Red (15%)
- Yellow (54%)
- Blue (74%)



- Cyan (80%)
- Magenta (0%)
- Yellow (39%)
- Black (26%)



- Cyan (85%)
- Magenta (26%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 134.7140, -10.2120, -84.8182 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 134.7140, -10.2120, -84.8182 by changing the saturation by 10% instead.


 134.7140,
-10.2120, -84.8182

 134.7140,
-10.2120, -84.8182


255.0000, 0.0000,
0.0000

 104.0660, -7.4275,
-91.2659


 195.3300,
-14.4597, -75.7114

 85.4810, -10.0971,
-74.9668

 213.3620, -9.5455,
-65.2155


 67.5970, -12.6193,
-59.2826


 225.5240, -1.7373,
-49.5715

 50.3000, -15.4309,
-44.1131

 237.8000, 6.5076,
-34.0276

 33.4590, -16.4953,
-29.3435

 247.2260, 3.8326,
-15.9842

 19.9580, -9.8393,
-17.5032

 0.0000, 0.0000,

0.0000

■ 134.7140,
-10.2120, -84.8182

■ 134.7140,
-10.2120, -84.8182

■ 128.0070,
-11.3425, -95.5991

■ 141.4210, -9.0816,
-74.0372

■ 121.1860,
-12.9097, -106.2801

■ 148.2420, -7.5143,
-63.3562

■ 154.6500, -6.2364,
-53.1900

■ 161.3570, -5.1060,
-42.4091

■ 168.0640, -3.9756,
-31.6281

■ 174.8850, -2.4083,
-20.9471

■ 181.5920, -1.2779,
-10.1662

■ 188.0000, 0.0000,
0.0000

■ 194.7070, 1.1304,
10.7810

Harmonies

Analogous

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



151.8800, -41.8458, -18.3118



134.7140, -10.2120, -84.8182



132.0840, 18.6926, -115.8377

Triad

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



134.7140, -10.2120, -84.8182



143.5220, 54.9587, -81.1418



160.6440, -26.4465, 82.7502

Complementary

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



134.7140, -10.2120, -84.8182



91.2860, 10.2120, 84.8182

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.



161.4030, -0.6917, 82.0846



134.7140, -10.2120, -84.8182



167.9830, 42.8994, 7.0309

Square

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



134.7140, -10.2120, -84.8182



136.4910, 58.4249, -119.7026



168.7480, 22.8022, 59.8570



161.1920, -47.9157, 62.0986

Rectangle

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



134.7140, -10.2120, -84.8182



135.8290, 35.5803, -119.1220



168.7480, 22.8022, 59.8570



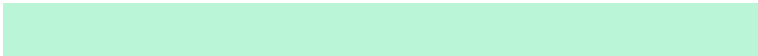
159.6470, -17.5740, 83.6246

Sweetspot

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



134.7140, -10.2120, -84.8182



224.0530, -3.9701, -33.3725



148.4750, -54.4642, -31.1116



109.5970, -2.2663, -19.8176



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.



134.7140, -10.2120, -84.8182



161.5110, -16.0279, -132.8751



143.1500, 22.1111, -92.2165



90.8530, -0.4205, -5.1331



101.8660, -10.7799, -89.3365



20.0210, -1.9824, -17.5584

Inverse Universe

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



91.2860, 10.2120, 84.8182



93.4890, 16.0279, 132.8751



82.8500, -22.1110, 92.2166



88.2610, 0.8573, 5.0331



56.1340, 10.7799, 89.3365



10.9790, 1.9824, 17.5584

Previews

White Background



This preview shows how the YUV color 134.7140, -10.2120, -84.8182 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 134.7140, -10.2120, -84.8182 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 134.7140, -10.2120, -84.8182 Background



This preview shows how black text looks on a background with the YUV color 134.7140, -10.2120, -84.8182.



This preview shows how white text looks on a background with the YUV color 134.7140, -10.2120, -84.8182.

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

134.7140, -10.2120, -84.8182

Protanopia

161.3460, -28.2716, 14.6056

Deuteranopia

163.6600, -21.0314, 25.7312



Tritanopia

149.7990, 21.2981, -64.7217

Trichromacy



Original Color

134.7140, -10.2120, -84.8182

Protanomaly

151.8360, -21.6111, -21.7812

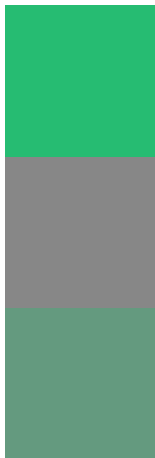
Deuteranomaly

153.0310, -17.2703, -14.0592

Tritanomaly

144.0680, 9.8265, -71.9736

Monochromacy



Original Color

134.7140, -10.2120, -84.8182

Achromatopsia

135.0000, 0.0000, 0.0000

Achromatomaly

134.7760, -3.8336, -30.4986

CSS Examples

Text

The CSS property to change the color of the text to YUV 134.7140, -10.2120, -84.8182 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(38, 188, 114)` looks like.

```
.text, #text, p{  
    color:rgb(38, 188, 114)  
}
```

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(38, 188, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 188, 114) }
```

Border

The CSS property to change the border of an element to YUV 134.7140, -10.2120, -84.8182 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(38, 188, 114) }
```


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

```
.border{ border-color:rgb(38, 188, 114) }
```

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

Here you see how a box with a 4 pixel rgb(38, 188, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 188, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 188, 114);  
box-shadow:4px 4px 4px 4px rgb(38, 188,  
114) }
```

Background

The CSS property to change the background color of an element to YUV 134.7140, -10.2120, -84.8182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 188, 114) }
```

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

```
.background{ background-color: rgb(38, 188,  
114) }
```

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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