

Converting Colors

YUV(134.3420, -6.0846,
-102.0319)

Have a look what the booklet for
YUV(134.3420, -6.0846, -102.0319)
contains.

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Color

**YUV(134.3420, -6.0846,
-102.0319)**

Conversions

Conversions Part 1

Format	Color
Hex	12C47A
RGB	18, 196, 122
RGB Percent	7%, 77%, 48%
CMY	0.9294, 0.2314, 0.5216
CMYK	0.91, 0.00, 0.38, 0.23
HSL	155°, 83%, 42%
HSV	155°, 91%, 77%
XYZ	23.5022, 41.0136, 25.0901
YIQ	134.3420, -82.3340, -60.7500

Conversions

Conversions Part 2

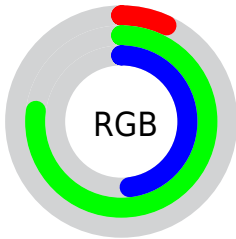
Format	Color
RYB	18, 130, 196
Decimal	1229946
CIELab	70.19, -57.66, 25.98
CIELCh	70, 63.243, 155.744
Yxy	41.0136, 0.2623, 0.4577
Android (android.graphics.Color)	4279420026 (0xFF12C47A)
YUV	134.3420, -6.0846, -102.0319
Hunter-Lab	64.0419, -46.5669, 21.6009

Details

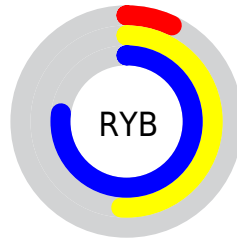
The YUV color **134.3420, -6.0846, -102.0319** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **79.6580, 6.0846, 102.0319**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.8450, -12.2486, -84.9331**, and **90.9750, -9.3547, -79.7851** is the 20% darker color. If you saturate the color by 10%, you get **128.1620, -6.4889, -112.3981**, and if you desaturate by 10%, it is **141.2340, -5.5384, -90.5362**.

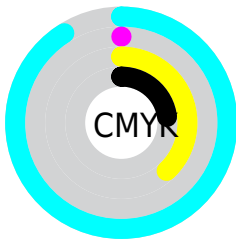
Distribution



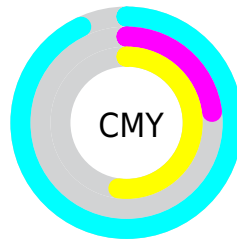
- Red (7%)
- Green (77%)
- Blue (48%)



- Red (7%)
- Yellow (51%)
- Blue (77%)



- Cyan (91%)
- Magenta (0%)
- Yellow (38%)
- Black (23%)



- Cyan (93%)
- Magenta (23%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 134.3420, -6.0846, -102.0319 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 134.3420, -6.0846, -102.0319 by changing the saturation by 10% instead.


 134.3420, -6.0846,
-102.0319

 134.3420, -6.0846,
-102.0319


255.0000, 0.0000,
0.0000

 109.6740, -6.2483,
-96.1841


 199.8450,
-12.2486, -84.9331

 90.9750, -9.3547,
-79.7851


 212.8930, -4.8772,
-69.1892

 72.5040, -11.5875,
-63.5860


 225.3540, 2.7835,
-52.9305

 54.6200, -14.1097,
-47.9017

 237.3590, 8.6970,
-36.2718

 37.2090, -17.3580,
-32.6323

 246.3290, 4.2748,
-17.8285

 23.4800, -11.5756,
-20.5920

 0.5870, -0.2894,

-0.5148

■ 0.0000, 0.0000,
0.0000

■ 134.3420, -6.0846,
-102.0319

■ 134.3420, -6.0846,
-102.0319

■ 128.1620, -6.4889,
-112.3981

■ 141.2340, -5.5384,
-90.5362

■ 147.8270, -4.8447,
-79.6553

■ 154.7190, -4.2985,
-68.1596

■ 161.4260, -3.1680,
-57.3786

■ 168.3180, -2.6218,
-45.8829

■ 175.2100, -2.0755,
-34.3872

■ 181.8030, -1.3819,
-23.5062

■ 188.6950, -0.8356,
-12.0105

■ 195.2880, -0.1420,
-1.1296

Harmonies

Analogous

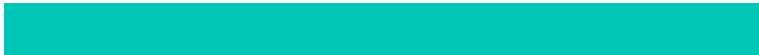
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



157.4450, -42.1244, -22.3153



134.3420, -6.0846, -102.0319



137.4470, 21.4716, -120.5410

Triad

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



134.3420, -6.0846, -102.0319



151.2410, 51.1532, -73.8794



164.2800, -27.7460, 79.5614

Complementary

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



134.3420, -6.0846, -102.0319



79.6580, 6.0846, 102.0319

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.



164.0930, -0.5388, 79.7254



134.3420, -6.0846, -102.0319



174.8050, 39.5361, 12.4490

Square

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



134.3420, -6.0846, -102.0319



140.6000, 56.3992, -123.3062



174.9660, 22.2018, 65.8048



167.3940, -50.9732, 62.7985

Rectangle

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



134.3420, -6.0846, -102.0319



141.8930, 38.5068, -124.4402



174.9660, 22.2018, 65.8048



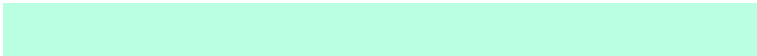
163.2830, -18.8735, 80.4358

Sweetspot

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



134.3420, -6.0846, -102.0319



231.0630, -2.4961, -39.5203



144.6120, -62.4197, -46.1407



113.8030, -1.3819, -23.5062



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.



134.3420, -6.0846, -102.0319



166.6710, -8.7118, -146.1705



133.9730, 30.5793, -101.7083



93.5540, -0.2731, -5.7479



105.2230, -5.5329, -92.2806



21.5370, -1.2507, -18.8879

Inverse Universe

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



79.6580, 6.0846, 102.0319



88.3290, 8.7118, 146.1705



80.0270, -30.5793, 101.7083



90.4460, 0.2731, 5.7479



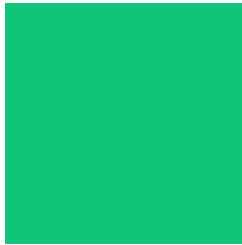
55.7770, 5.5329, 92.2806



11.4630, 1.2507, 18.8879

Previews

White Background



This preview shows how the YUV color 134.3420, -6.0846, -102.0319 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 134.3420, -6.0846, -102.0319 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

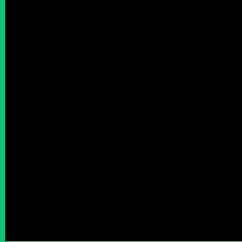
Any Text WCAG AA ✓ Pass

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 134.3420, -6.0846, -102.0319 Background



This preview shows how black text looks on a background with the YUV color 134.3420, -6.0846, -102.0319.

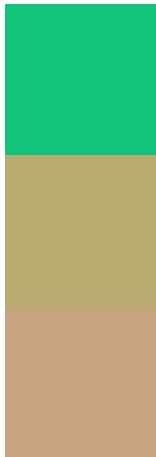


This preview shows how white text looks on a background with the YUV color 134.3420, -6.0846, -102.0319.

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

134.3420, -6.0846, -102.0319

Protanopia

167.7590, -27.9822, 15.1204

Deuteranopia

170.3010, -19.8684, 26.0460



Tritanopia

153.7380, 23.7932, -71.6842

Trichromacy



Original Color

134.3420, -6.0846, -102.0319



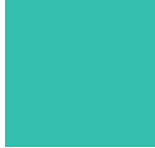
Protanomaly

155.2590, -19.8477, -27.4141



Deuteranomaly

157.2690, -14.9226, -20.4069



Tritanomaly

146.8000, 12.9166, -83.1396

Monochromacy



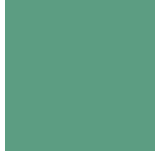
Original Color

134.3420, -6.0846, -102.0319



Achromatopsia

134.0000, 0.0000, 0.0000



Achromatomaly

134.4870, -2.2121, -37.2611

CSS Examples

Text

The CSS property to change the color of the text to YUV 134.3420, -6.0846, -102.0319 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(18, 196, 122)` looks like.

```
.text, #text, p{  
    color:rgb(18, 196, 122)  
}
```

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(18, 196, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 196, 122) }
```

Border

The CSS property to change the border of an element to YUV 134.3420, -6.0846, -102.0319 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(18, 196, 122) }
```


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

```
.border{ border-color:rgb(18, 196, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 196, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 196, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 196, 122);  
box-shadow:4px 4px 4px 4px rgb(18, 196,  
122) }
```

Background

The CSS property to change the background color of an element to YUV 134.3420, -6.0846, -102.0319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 196, 122) }
```

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

```
.background{ background-color: rgb(18, 196,  
122) }
```

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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