

Converting Colors

YUV(134.8420, 12.4029,
-105.1014)

Have a look what the booklet for
YUV(134.8420, 12.4029, -105.1014)
contains.

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Color

**YUV(134.8420, 12.4029,
-105.1014)**

Conversions

Conversions Part 1

Format	Color
Hex	0FBFA0
RGB	15, 191, 160
RGB Percent	6%, 75%, 63%
CMY	0.9412, 0.2510, 0.3725
CMYK	0.92, 0.00, 0.16, 0.25
HSL	169°, 85%, 40%
HSV	169°, 92%, 75%
XYZ	25.1730, 39.9012, 39.6327
YIQ	134.8420, -94.9450, -46.9530

Conversions

Conversions Part 2

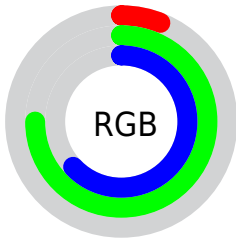
Format	Color
RYB	15, 111, 191
Decimal	1032096
CIELab	69.40, -47.00, 4.44
CIELCh	69, 47.213, 174.604
Yxy	39.9012, 0.2404, 0.3811
Android (android.graphics.Color)	4279222176 (0xFF0FBFA0)
YUV	134.8420, 12.4029, -105.1014
Hunter-Lab	63.1674, -39.4086, 7.0173

Details

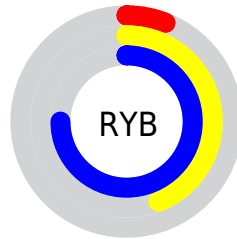
The YUV color **134.8420, 12.4029, -105.1014** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **71.1580, -12.4029, 105.1014**, and the grayscale version is **135.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.5840, 7.1071, -86.4582**, and **92.2580, 8.2538, -80.9103** is the 20% darker color. If you saturate the color by 10%, you get **130.0150, 13.3036, -114.0232**, and if you desaturate by 10%, it is **140.8650, 10.9126, -93.7206**.

Distribution



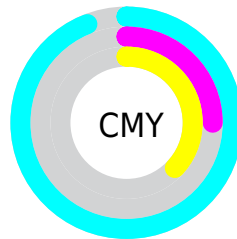
- Red (6%)
- Green (75%)
- Blue (63%)



- Red (6%)
- Yellow (44%)
- Blue (75%)



- Cyan (92%)
- Magenta (0%)
- Yellow (16%)
- Black (25%)



- Cyan (94%)
- Magenta (25%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 134.8420, 12.4029, -105.1014 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 134.8420, 12.4029, -105.1014 by changing the saturation by 10% instead.

■ 134.8420, 12.4029,
-105.1014

■ 134.8420, 12.4029,
-105.1014

■ 255.0000, 0.0000,
0.0000

■ 110.9570, 11.3602,
-97.3093

■ 200.5840, 7.1071,
-86.4582

■ 92.2580, 8.2538,
-80.9103

■ 217.4530, 12.5947,
-73.1883

■ 74.1460, 4.8580,
-65.0260

■ 228.0900, 13.2666,
-55.3299

■ 56.8490, 2.0464,
-49.8566

■ 237.0600, 8.8444,
-36.8866

■ 39.7800, 0.1085,
-34.8871

■ 246.3290, 4.2748,
-17.8285

■ 25.0590, -2.9871,
-21.9767

■ 0.0000, 0.0000,

0.0000

■ 134.8420, 12.4029,
-105.1014

■ 134.8420, 12.4029,
-105.1014

■ 130.0150, 13.3036,
-114.0232

■ 140.8650, 10.9126,
-93.7206

■ 147.0020, 9.8590,
-82.4398

■ 153.0250, 8.3687,
-71.0589

■ 159.0480, 6.8783,
-59.6781

■ 165.1850, 5.8248,
-48.3972

■ 171.5070, 4.1870,
-36.4016

■ 177.6440, 3.1335,
-25.1208

■ 183.6670, 1.6432,
-13.7400

■ 189.6900, 0.1528,
-2.3591

Harmonies

Analogous

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



155.8120, -18.6413, -41.0541



134.8420, 12.4029, -105.1014



135.3730, 33.8331, -118.7221

Triad

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



134.8420, 12.4029, -105.1014



170.8040, 37.5646, -8.5981



168.9430, -33.4959, 57.0550

Complementary

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



134.8420, 12.4029, -105.1014



71.1580, -12.4029, 105.1014

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.



170.6730, -17.0938, 69.5698



134.8420, 12.4029, -105.1014



174.4800, 22.4414, 35.5360

Square

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



134.8420, 12.4029, -105.1014



155.2910, 48.6635, -68.6612



172.9060, 3.0043, 63.2264



166.0140, -41.4189, 31.5597

Rectangle

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



134.8420, 12.4029, -105.1014



136.9350, 44.8950, -120.0920



172.9060, 3.0043, 63.2264



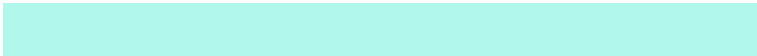
169.2410, -28.7128, 62.9326

Sweetspot

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



134.8420, 12.4029, -105.1014



225.0010, 4.9295, -41.2199



127.8800, -55.6498, -70.9318



111.2310, 2.8441, -25.6356



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



134.8420, 12.4029, -105.1014



168.2450, 17.6272, -147.5509



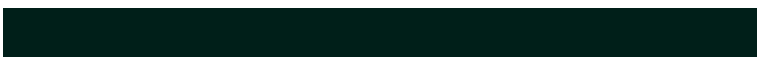
105.5040, 42.1495, -79.3720



91.1950, 0.8899, -5.4330



107.5660, 11.0600, -94.3354



21.0470, 1.9488, -18.4582

Inverse Universe

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



71.1580, -12.4029, 105.1014



78.8690, -17.1904, 147.4509



100.4960, -42.1495, 79.3720



87.9190, -0.4531, 5.3330



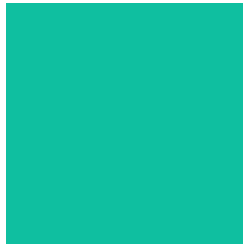
50.4340, -11.0600, 94.3354



9.8390, -2.3856, 18.5582

Previews

White Background



This preview shows how the YUV color 134.8420, 12.4029, -105.1014 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 134.8420, 12.4029, -105.1014 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

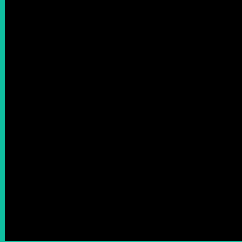
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

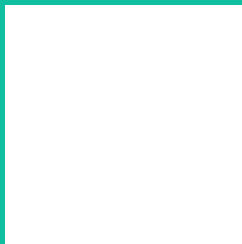
Any Text WCAG AAA ✓ Pass

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

YUV 134.8420, 12.4029, -105.1014 Background



This preview shows how black text looks on a background with the YUV color 134.8420, 12.4029, -105.1014.

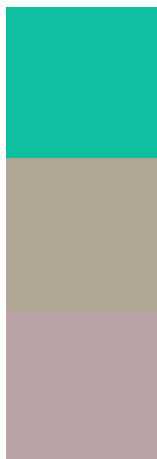


This preview shows how white text looks on a background with the YUV color 134.8420, 12.4029, -105.1014.

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

134.8420, 12.4029, -105.1014

Protanopia

168.1120, -9.9152, 6.9178

Deuteranopia

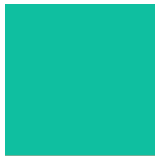
169.9200, -1.9326, 13.2252



Tritanopia

148.1390, 25.5675, -80.8059

Trichromacy



Original Color

134.8420, 12.4029, -105.1014



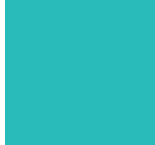
Protanomaly

155.6230, -1.7861, -33.8724



Deuteranomaly

157.0240, 3.4392, -29.8390



Tritanomaly

143.1180, 20.6478, -89.5575

Monochromacy



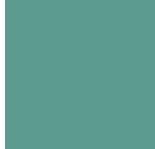
Original Color

134.8420, 12.4029, -105.1014



Achromatopsia

135.0000, 0.0000, 0.0000



Achromatomaly

134.6100, 4.6293, -38.2460

CSS Examples

Text

The CSS property to change the color of the text to YUV 134.8420, 12.4029, -105.1014 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(15, 191, 160)` looks like.

```
.text, #text, p{  
    color:rgb(15, 191, 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(15, 191, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 191, 160) }
```

Border

The CSS property to change the border of an element to YUV 134.8420, 12.4029, -105.1014 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(15, 191, 160) }
```


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

```
.border{ border-color:rgb(15, 191, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 191, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 191, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 191, 160);  
box-shadow:4px 4px 4px 4px rgb(15, 191,  
160) }
```

Background

The CSS property to change the background color of an element to YUV 134.8420, 12.4029, -105.1014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 191, 160) }
```

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

```
.background{ background-color: rgb(15, 191,  
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](#).

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