

Converting Colors

YUV(121.6310, -7.7061,
-95.2694)

Have a look what the booklet for
YUV(121.6310, -7.7061, -95.2694)
contains.

YUV(121.6310, -7.7061, -95.2694)	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(121.6310, -7.7061,
-95.2694)**

Conversions

Conversions Part 1

Format	Color
Hex	0DB46A
RGB	13, 180, 106
RGB Percent	5%, 71%, 42%
CMY	0.9490, 0.2941, 0.5843
CMYK	0.93, 0.00, 0.41, 0.29
HSL	153°, 87%, 38%
HSV	153°, 93%, 71%
XYZ	19.0888, 33.7687, 19.1476
YIQ	121.6310, -75.7780, -58.4180

Conversions

Conversions Part 2

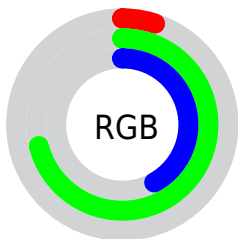
Format	Color
RYB	13, 120, 180
Decimal	898154
CIELab	64.78, -55.38, 27.22
CIELCh	65, 61.705, 153.821
Yxy	33.7687, 0.2651, 0.4690
Android (android.graphics.Color)	4279088234 (0xFF0DB46A)
YUV	121.6310, -7.7061, -95.2694
Hunter-Lab	58.1108, -43.0587, 21.1414

Details

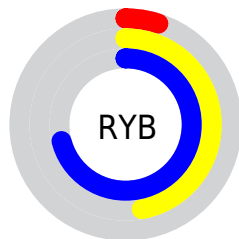
The YUV color **121.6310, -7.7061, -95.2694** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **71.3690, 7.7061, 95.2694**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.1340, -13.8701, -78.1705**, and **80.4600, -11.5658, -70.5634** is the 20% darker color. If you saturate the color by 10%, you get **117.0600, -8.4106, -102.6616**, and if you desaturate by 10%, it is **127.9250, -6.8650, -85.0032**.

Distribution



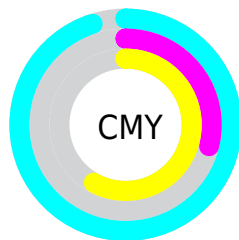
- Red (5%)
- Green (71%)
- Blue (42%)



- Red (5%)
- Yellow (47%)
- Blue (71%)



- Cyan (93%)
- Magenta (0%)
- Yellow (41%)
- Black (29%)



- Cyan (95%)
- Magenta (29%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.6310, -7.7061, -95.2694 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 121.6310, -7.7061, -95.2694 by changing the saturation by 10% instead.

■ 121.6310, -7.7061,
-95.2694

■ 121.6310, -7.7061,
-95.2694

■ 255.0000, 0.0000,
0.0000

■ 98.4580, -8.6068,
-86.3477

■ 186.1340,
-13.8701, -78.1705

■ 80.4600, -11.5658,
-70.5634

■ 209.0470,
-11.8552, -71.0782

■ 62.5760, -14.0880,
-54.8792

■ 221.2090, -4.0470,
-55.4343

■ 44.6920, -16.6102,
-39.1949

■ 233.4850, 4.1979,
-39.8903

■ 29.9370, -14.7589,
-26.2547

■ 244.2360, 5.3067,
-22.1320

■ 14.6750, -7.2348,
-12.8700

■ 253.2060, 0.8844,

■ 0.0000, 0.0000,

-3.6887

0.0000

■ 121.6310, -7.7061,
-95.2694

■ 121.6310, -7.7061,
-95.2694

■ 117.0600, -8.4106,
-102.6616

■ 127.9250, -6.8650,
-85.0032

■ 134.2190, -6.0240,
-74.7371

■ 140.5130, -5.1829,
-64.4709

■ 146.8070, -4.3419,
-54.2047

■ 153.1010, -3.5008,
-43.9386

■ 159.3950, -2.6597,
-33.6724

■ 165.6890, -1.8187,
-23.4063

■ 171.9830, -0.9776,
-13.1401

■ 178.2770, -0.1366,
-2.8739

Harmonies

Analogous

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



143.4670, -42.1352, -18.8266



121.6310, -7.7061, -95.2694



126.5900, 17.9501, -111.0194

Triad

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



121.6310, -7.7061, -95.2694



130.4540, 61.4012, -94.2372



154.1390, -27.1835, 85.8241

Complementary

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



121.6310, -7.7061, -95.2694



71.3690, 7.7061, 95.2694

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.



155.2080, -1.5815, 87.5176



121.6310, -7.7061, -95.2694



160.2110, 43.7730, 6.8310

Square

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



121.6310, -7.7061, -95.2694



132.3820, 60.4507, -116.0990



160.1610, 23.0916, 60.3718



153.0780, -48.3525, 62.1986

Rectangle

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



121.6310, -7.7061, -95.2694



130.2210, 34.4010, -114.2038



160.1610, 23.0916, 60.3718



153.4520, -18.4638, 89.0576

Sweetspot

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



121.6310, -7.7061, -95.2694



211.8460, -3.3751, -37.5759



133.4540, -59.3838, -39.8632



103.1020, -1.5293, -22.8915



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.



121.6310, -7.7061, -95.2694



152.8790, -10.7863, -134.0749



125.3710, 26.9321, -98.5494



85.8530, -0.4205, -5.1331



99.5010, -7.1490, -87.2624



16.8580, -1.4090, -14.7845

Inverse Universe

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



71.3690, 7.7061, 95.2694



82.1210, 10.7863, 134.0749



67.6290, -26.9321, 98.5494



83.1470, 0.4205, 5.1331



53.4990, 7.1490, 87.2624



9.0280, 0.9722, 14.8844

Previews

White Background



This preview shows how the YUV color 121.6310, -7.7061, -95.2694 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 121.6310, -7.7061, -95.2694 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 121.6310, -7.7061, -95.2694 Background



This preview shows how black text looks on a background with the YUV color 121.6310, -7.7061, -95.2694.



This preview shows how white text looks on a background with the YUV color 121.6310, -7.7061, -95.2694.

-95.2694.

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

121.6310, -7.7061, -95.2694

Protanopia

153.4600, -27.8348, 14.5056

Deuteranopia

155.6600, -21.0314, 25.7312



Tritanopia

141.5000, 21.4455, -65.3365

Trichromacy



Original Color

121.6310, -7.7061, -95.2694



Protanomaly

142.0420, -20.7267, -25.4698



Deuteranomaly

142.9380, -16.2384, -18.3626



Tritanomaly

133.9750, 10.8583, -76.2771

Monochromacy



Original Color

121.6310, -7.7061, -95.2694



Achromatopsia

122.0000, 0.0000, 0.0000



Achromatomaly

121.6830, -2.8017, -34.8020

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.6310, -7.7061, -95.2694 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(13, 180, 106)` looks like.

```
.text, #text, p{  
    color:rgb(13, 180, 106)  
}
```

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(13, 180, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 180, 106) }
```

Border

The CSS property to change the border of an element to YUV 121.6310, -7.7061, -95.2694 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(13, 180, 106) }
```


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

```
.border{ border-color:rgb(13, 180, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(13, 180, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 180, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 180, 106);  
box-shadow:4px 4px 4px 4px rgb(13, 180,  
106) }
```

Background

The CSS property to change the background color of an element to YUV 121.6310, -7.7061, -95.2694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 180, 106) }
```

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

```
.background{ background-color: rgb(13, 180,  
106) }
```

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