

Converting Colors

YUV(187.6200, 5.6103,
-119.8157)

Have a look what the booklet for
YUV(187.6200, 5.6103, -119.8157)
contains.

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Color

**YUV(187.6200, 5.6103,
-119.8157)**

Conversions

Conversions Part 1

Format	Color
Hex	33FFC7
RGB	51, 255, 199
RGB Percent	20%, 100%, 78%
CMY	0.8000, 0.0000, 0.2196
CMYK	0.80, 0.00, 0.22, 0.00
HSL	164°, 100%, 60%
HSV	164°, 80%, 100%
XYZ	47.4340, 76.3473, 66.2693
YIQ	187.6200, -103.6080, -60.6640

Conversions

Conversions Part 2

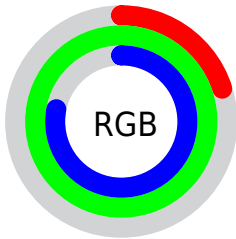
Format	Color
RYB	51, 169, 255
Decimal	3407815
CIELab	90.02, -60.38, 13.30
CIELCh	90, 61.831, 167.576
Yxy	76.3473, 0.2496, 0.4017
Android (android.graphics.Color)	4281597895 (0xFF33FFC7)
YUV	187.6200, 5.6103, -119.8157
Hunter-Lab	87.3770, -56.0080, 16.1966

Details

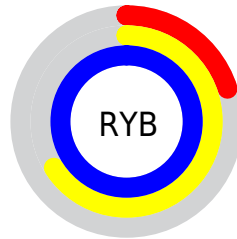
The YUV color **187.6200, 5.6103, -119.8157** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed cyan. A complement of this color would be **118.3800, -5.6103, 119.8157**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.9240, 18.2785, -76.2323**, and **132.1690, 6.3257, -115.9122** is the 20% darker color. If you saturate the color by 10%, you get **179.0480, 6.3853, -135.1001**, and if you desaturate by 10%, it is **196.1920, 4.8353, -104.5314**.

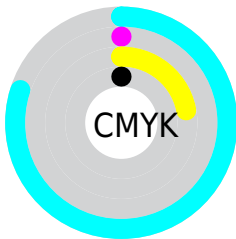
Distribution



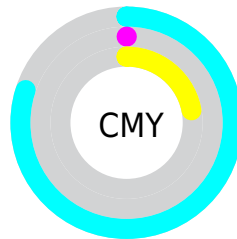
- Red (20%)
- Green (100%)
- Blue (78%)



- Red (20%)
- Yellow (66%)
- Blue (100%)



- Cyan (80%)
- Magenta (0%)
- Yellow (22%)
- Black (0%)



- Cyan (80%)
- Magenta (0%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 187.6200, 5.6103, -119.8157 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 187.6200, 5.6103, -119.8157 by changing the saturation by 10% instead.

187.6200, 5.6103,
-119.8157

187.6200, 5.6103,
-119.8157

255.0000, 0.0000,
0.0000

152.2700, 9.7269,
-133.5408

217.9240, 18.2785,
-76.2323

132.1690, 6.3257,
-115.9122

227.7910, 13.4140,
-55.9447

112.7690, 3.0719,
-98.8984

237.3590, 8.6970,
-36.2718

94.1840, 0.4023,
-82.5994

246.9270, 3.9800,
-16.5990

75.5990, -2.2673,
-66.3003

57.7150, -4.7895,
-50.6161

40.6460, -6.7275,

-35.6465

■ 23.7080, -10.7020,
-20.7919

■ 0.0000, 0.0000,
0.0000

■ 187.6200, 5.6103,
-119.8157

■ 187.6200, 5.6103,
-119.8157

■ 179.0480, 6.3853,
-135.1001

■ 196.1920, 4.8353,
-104.5314

■ 170.7750, 7.0129,
-149.7697

■ 204.4650, 4.2078,
-89.8618

■ 213.0370, 3.4328,
-74.5774

■ 221.3100, 2.8052,
-59.9079

■ 229.8820, 2.0302,
-44.6235

■ 238.1550, 1.4026,
-29.9539

■ 246.7270, 0.6276,
-14.6696

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



209.8320, -32.4552, -43.7027



187.6200, 5.6103, -119.8157



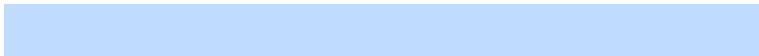
178.7550, 37.5888, -156.7681

Triad

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



187.6200, 5.6103, -119.8157



215.3190, 19.5627, -21.3278



205.6100, -31.8527, 43.3150

Complementary

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



187.6200, 5.6103, -119.8157



118.3800, -5.6103, 119.8157

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.



202.8470, -4.3616, 45.7382



187.6200, 5.6103, -119.8157



220.9540, 16.7847, 29.8583

Square

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



187.6200, 5.6103, -119.8157



172.6410, 40.6030, -143.5132



210.8610, 21.2675, 38.7099



214.8760, -52.1969, 35.1887

Rectangle

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



187.6200, 5.6103, -119.8157



178.1680, 37.8782, -156.2533



210.8610, 21.2675, 38.7099



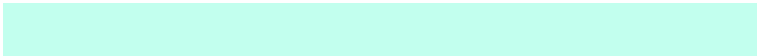
203.9120, -23.1276, 44.8042

Sweetspot

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



187.6200, 5.6103, -119.8157



234.8230, 1.5663, -35.8018



188.0900, -67.5854, -69.3619



115.6830, 0.6493, -21.6470



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

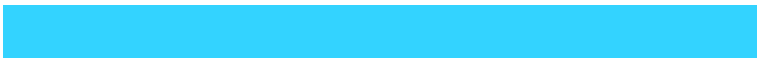
The Same Dimension uses a secret algorithm to generate beautiful new colors.



187.6200, 5.6103, -119.8157



174.1070, 6.8492, -143.9218



168.1760, 42.8042, -102.7634



123.6570, 0.1691, -7.5922



127.9630, 5.4412, -112.2236



42.8120, 1.5717, -37.5461

Inverse Universe

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



118.3800, -5.6103, 119.8157



90.8930, -6.8492, 143.9218



137.8240, -42.8042, 102.7634



119.2290, -0.6059, 7.6922



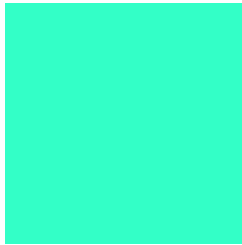
63.1510, -5.0044, 112.1236



21.1880, -1.5717, 37.5461

Previews

White Background



This preview shows how the YUV color 187.6200, 5.6103, -119.8157 looks on a white background.

Color Contrast Check

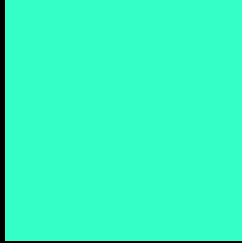
Large Text (above 18pt) WCAG AA × Fail

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 187.6200, 5.6103, -119.8157 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 187.6200, 5.6103, -119.8157 Background



This preview shows how black text looks on a background with the YUV color 187.6200, 5.6103, -119.8157.



This preview shows how white text looks on a background with the YUV color 187.6200, 5.6103,

-119.8157.

Color Blindness Simulation

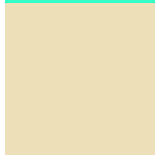
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



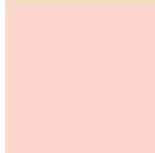
Original Color

187.6200, 5.6103, -119.8157



Protanopia

223.3270, -19.3882, 11.9912



Deuteranopia

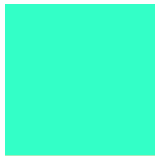
225.7380, -9.2378, 23.0318



Tritanopia

213.3050, 20.5556, -59.9035

Trichromacy



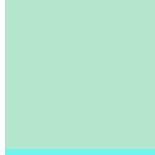
Original Color

187.6200, 5.6103, -119.8157



Protanomaly

210.0220, -10.3638, -35.9763



Deuteranomaly

211.7870, -3.8390, -28.7542



Tritanomaly

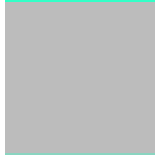
203.7940, 15.3846, -81.3803

Monochromacy



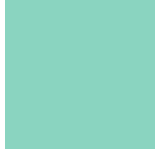
Original Color

187.6200, 5.6103, -119.8157



Achromatopsia

188.0000, 0.0000, 0.0000



Achromatomaly

187.5940, 2.1722, -43.4939

CSS Examples

Text

The CSS property to change the color of the text to YUV 187.6200, 5.6103, -119.8157 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(51, 255, 199)` looks like.

```
.text, #text, p{  
    color:rgb(51, 255, 199)  
}
```

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(51, 255, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 255, 199) }
```

Border

The CSS property to change the border of an element to YUV 187.6200, 5.6103, -119.8157 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(51, 255, 199) }
```


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

```
.border{ border-color:rgb(51, 255, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 255, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 255, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 255, 199);  
box-shadow:4px 4px 4px 4px rgb(51, 255,  
199) }
```

Background

The CSS property to change the background color of an element to YUV 187.6200, 5.6103, -119.8157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 255, 199) }
```

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

```
.background{ background-color: rgb(51, 255,  
199) }
```

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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