

Converting Colors

YUV(187.1010, 9.8102,
-66.7406)

Have a look what the booklet for
YUV(187.1010, 9.8102, -66.7406)
contains.

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Color

**YUV(187.1010, 9.8102,
-66.7406)**

Conversions

Conversions Part 1

Format	Color
Hex	6FDECF
RGB	111, 222, 207
RGB Percent	44%, 87%, 81%
CMY	0.5647, 0.1294, 0.1882
CMYK	0.50, 0.00, 0.07, 0.13
HSL	172°, 63%, 65%
HSV	172°, 50%, 87%
XYZ	43.9393, 60.1271, 68.3213
YIQ	187.1010, -61.3410, -28.1970

Conversions

Conversions Part 2

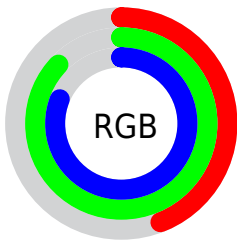
Format	Color
RYB	111, 171, 222
Decimal	7331535
CIELab	81.91, -35.40, -2.42
CIELCh	82, 35.485, 183.906
Yxy	60.1271, 0.2549, 0.3488
Android (android.graphics.Color)	4285521615 (0xFF6FDECF)
YUV	187.1010, 9.8102, -66.7406
Hunter-Lab	77.5416, -34.5501, 2.0392

Details

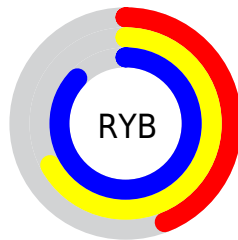
The YUV color **187.1010, 9.8102, -66.7406** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **145.8990, -9.8102, 66.7406**, and the grayscale version is **187.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.5850, 12.5296, -52.2560**, and **128.9370, 11.8631, -71.8587** is the 20% darker color. If you saturate the color by 10%, you get **180.1810, 11.7428, -79.9657**, and if you desaturate by 10%, it is **194.0210, 7.8776, -53.5154**.

Distribution



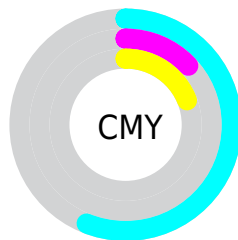
- Red (44%)
- Green (87%)
- Blue (81%)



- Red (44%)
- Yellow (67%)
- Blue (87%)



- Cyan (50%)
- Magenta (0%)
- Yellow (7%)
- Black (13%)



- Cyan (56%)
- Magenta (13%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 187.1010, 9.8102, -66.7406 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 187.1010, 9.8102, -66.7406 by changing the saturation by 10% instead.

■ 187.1010, 9.8102,
-66.7406

■ 187.1010, 9.8102,
-66.7406

■ 255.0000, 0.0000,
0.0000

■ 158.6170, 10.5418,
-68.0701

■ 229.5850, 12.5296,
-52.2560

■ 128.9370, 11.8631,
-71.8587

■ 238.2560, 8.2548,
-34.4275

■ 96.6580, 14.9586,
-84.7691

■ 247.2260, 3.8326,
-15.9842

■ 78.5460, 11.5628,
-68.8848

■ 60.5480, 8.6038,
-53.1006

■ 43.8380, 5.5029,
-38.4459

■ 28.5300, 2.6967,

-25.0208

■ 8.9990, 1.4795,
-7.8921

■ 0.0000, 0.0000,
0.0000

■ 187.1010, 9.8102,
-66.7406

■ 187.1010, 9.8102,
-66.7406

■ 180.1810, 11.7428,
-79.9657

■ 194.0210, 7.8776,
-53.5154

■ 173.2610, 13.6753,
-93.1909

■ 200.9410, 5.9451,
-40.2903

■ 166.0420, 15.7553,
-107.0308

■ 208.1600, 3.8651,
-26.4503

■ 159.1220, 17.6879,
-120.2560

■ 215.0800, 1.9326,
-13.2252

■ 152.2020, 19.6204,
-133.4812

■ 222.0000, 0.0000,
0.0000

■ 228.9200, -1.9326,
13.2252

■ 232.5510, -2.2436,
19.6878

■ 232.8930, -0.9332,
19.3878

■ 233.2350, 0.3771,
19.0879

Harmonies

Analogous

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



192.5270, -9.6268, -39.0502



187.1010, 9.8102, -66.7406



185.1930, 27.0199, -79.9763

Triad

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



187.1010, 9.8102, -66.7406



206.9340, 23.6965, 6.1969



204.2830, -29.2265, 40.9708

Complementary

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



187.1010, 9.8102, -66.7406



145.8990, -9.8102, 66.7406

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.



202.2310, -16.8759, 46.2784



187.1010, 9.8102, -66.7406



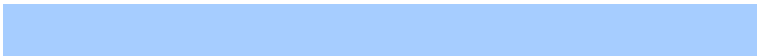
208.8470, 12.4004, 36.0912

Square

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



187.1010, 9.8102, -66.7406



199.0390, 27.5888, -28.9752



204.1180, -2.0302, 44.6235



201.4560, -31.7768, 18.8941

Rectangle

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



187.1010, 9.8102, -66.7406



188.1430, 32.9605, -72.0394



204.1180, -2.0302, 44.6235



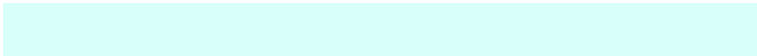
203.8150, -26.0378, 44.8892

Sweetspot

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



187.1010, 9.8102, -66.7406



243.0680, 3.4175, -22.8616



181.2400, -34.6283, -46.6915



120.6670, 1.6432, -13.7400



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.



187.1010, 9.8102, -66.7406



206.8590, 13.3805, -91.9613



165.9180, 27.6484, -48.1631



108.5970, 1.1847, -6.6626



120.6400, 15.4605, -105.8013



32.9640, 4.4547, -28.9094

Inverse Universe

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



145.8990, -9.8102, 66.7406



150.1410, -13.3805, 91.9613



167.0820, -27.6484, 48.1631



104.4030, -1.1847, 6.6626



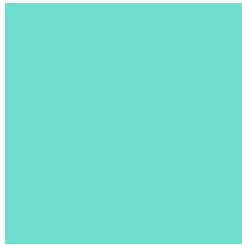
55.3600, -15.4605, 105.8013



15.1500, -4.0179, 28.8095

Previews

White Background



This preview shows how the YUV color 187.1010, 9.8102, -66.7406 looks on a white background.

Color Contrast Check

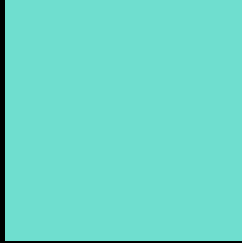
Large Text (above 18pt) WCAG AA × Fail

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 187.1010, 9.8102, -66.7406 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

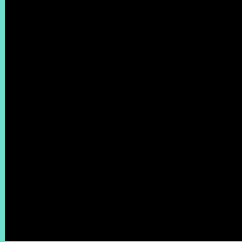
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

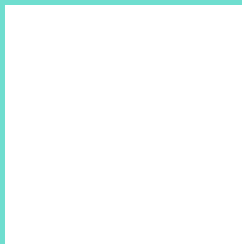
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 187.1010, 9.8102, -66.7406

Background



This preview shows how black text looks on a background with the YUV color 187.1010, 9.8102, -66.7406.



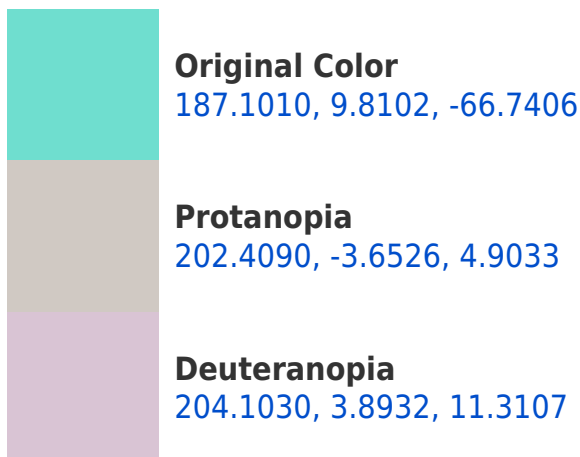
This preview shows how white text looks on a background with the YUV color 187.1010, 9.8102,

-66.7406.

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





Tritanopia

190.6360, 21.8715, -61.9478

Trichromacy



Original Color

187.1010, 9.8102, -66.7406



Protanomaly

197.0960, 0.9387, -21.1322



Deuteranomaly

197.4970, 6.1640, -17.0989



Tritanomaly

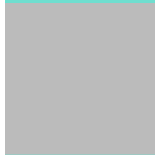
189.1860, 17.6563, -63.3071

Monochromacy



Original Color

187.1010, 9.8102, -66.7406



Achromatopsia

187.0000, 0.0000, 0.0000



Achromatomaly

187.0570, 3.4229, -24.6060

CSS Examples

Text

The CSS property to change the color of the text to YUV 187.1010, 9.8102, -66.7406 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(111, 222, 207)` looks like.

```
.text, #text, p{  
    color:rgb(111, 222, 207)  
}
```

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(111, 222, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 222, 207) }
```

Border

The CSS property to change the border of an element to YUV 187.1010, 9.8102, -66.7406 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(111, 222, 207) }
```


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

```
.border{ border-color:rgb(111, 222, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 222, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 222, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 222, 207);  
box-shadow:4px 4px 4px 4px rgb(111, 222,  
207) }
```

Background

The CSS property to change the background color of an element to YUV 187.1010, 9.8102, -66.7406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 222, 207) }
```

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

```
.background{ background-color: rgb(111,  
222, 207) }
```

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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