

Converting Colors

YUV(187.6850, 0.6483,
-68.1297)

Have a look what the booklet for
YUV(187.6850, 0.6483, -68.1297)
contains.

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Color

**YUV(187.6850, 0.6483,
-68.1297)**

Conversions

Conversions Part 1

Format	Color
Hex	6EE3BD
RGB	110, 227, 189
RGB Percent	43%, 89%, 74%
CMY	0.5686, 0.1098, 0.2588
CMYK	0.52, 0.00, 0.17, 0.11
HSL	161°, 68%, 66%
HSV	161°, 52%, 89%
XYZ	43.0848, 61.9273, 57.8265
YIQ	187.6850, -57.5340, -36.6220

Conversions

Conversions Part 2

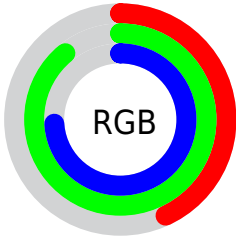
Format	Color
RYB	110, 180, 227
Decimal	7267261
CIELab	82.87, -42.10, 8.51
CIELCh	83, 42.947, 168.572
Yxy	61.9273, 0.2646, 0.3803
Android (android.graphics.Color)	4285457341 (0xFF6EE3BD)
YUV	187.6850, 0.6483, -68.1297
Hunter-Lab	78.6939, -39.9858, 11.5178

Details

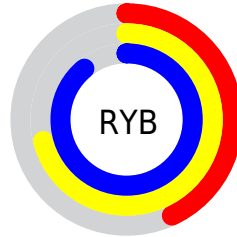
The YUV color **187.6850, 0.6483, -68.1297** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **149.3150, -0.6483, 68.1297**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.1460, 8.3090, -51.8710**, and **129.6350, 3.1379, -73.3479** is the 20% darker color. If you saturate the color by 10%, you get **180.0100, 0.9811, -81.5698**, and if you desaturate by 10%, it is **195.3600, 0.3155, -54.6897**.

Distribution



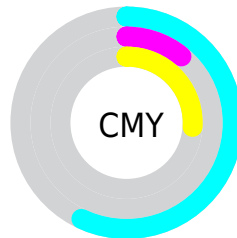
- Red (43%)
- Green (89%)
- Blue (74%)



- Red (43%)
- Yellow (71%)
- Blue (89%)



- Cyan (52%)
- Magenta (0%)
- Yellow (17%)
- Black (11%)



- Cyan (57%)
- Magenta (11%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 187.6850, 0.6483, -68.1297 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 187.6850, 0.6483, -68.1297 by changing the saturation by 10% instead.

■ 187.6850, 0.6483,
-68.1297

■ 187.6850, 0.6483,
-68.1297

■ 255.0000, 0.0000,
0.0000

■ 159.2010, 1.3799,
-69.4593

■ 228.1460, 8.3090,
-51.8710

■ 129.6350, 3.1379,
-73.3479

■ 237.9570, 8.4022,
-35.0423

■ 97.0680, 6.3755,
-85.1286

■ 246.9270, 3.9800,
-16.5990

■ 79.0700, 3.4165,
-69.3444

■ 61.1860, 0.8943,
-53.6601

■ 44.5900, -1.7699,
-39.1054

■ 28.6950, -4.2866,

-25.1655

■ 10.5660, -5.2090,
-9.2664

■ 0.0000, 0.0000,
0.0000

■ 187.6850, 0.6483,
-68.1297

■ 187.6850, 0.6483,
-68.1297

■ 180.0100, 0.9811,
-81.5698

■ 195.3600, 0.3155,
-54.6897

■ 172.5200, 0.7296,
-94.2950


■ 202.8500, 0.5670,
-41.9644


■ 164.8450, 1.0624,
-107.7351

■ 210.5250, 0.2342,
-28.5244

■ 157.1700, 1.3952,
-121.1751


■ 218.2000, -0.0986,
-15.0844

 150.6910, 1.1383,
-132.1560

 225.9890, 0.0054,
-1.7444

 233.3650, -0.1799,
11.0809

 236.9680, 1.9878,
15.8141

 237.7660, 5.0454,
15.1142

 238.5640, 8.1029,
14.4144

Harmonies

Analogous

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



196.0800, -21.7314, -29.8882



187.6850, 0.6483, -68.1297



176.0170, 27.1066, -107.8859

Triad

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



187.6850, 0.6483, -68.1297



204.1550, 25.0666, -13.2909



201.5980, -26.9168, 46.8336

Complementary

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



187.6850, 0.6483, -68.1297



149.3150, -0.6483, 68.1297

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.



200.4190, -8.5876, 47.8675



187.6850, 0.6483, -68.1297



211.1970, 21.5949, 27.0142

Square

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



187.6850, 0.6483, -68.1297



191.4540, 31.3282, -61.7882



205.6800, 9.0318, 43.2536



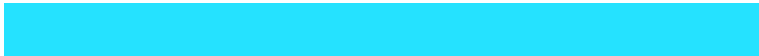
205.1440, -38.5250, 36.7077

Rectangle

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



187.6850, 0.6483, -68.1297



172.7950, 40.5271, -119.0922



205.6800, 9.0318, 43.2536



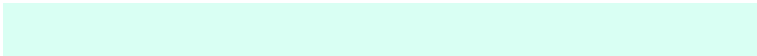
200.5040, -20.9545, 47.7930

Sweetspot

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



187.6850, 0.6483, -68.1297



242.2700, 0.3599, -22.1618



190.3400, -39.6076, -36.2552



120.2110, -0.1040, -13.3400



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.



187.6850, 0.6483, -68.1297



201.9440, 1.0136, -92.0359



180.2770, 23.0344, -61.6329



110.9560, 0.0217, -6.9774



118.8670, 1.0516, -104.2464



33.8130, 0.0922, -29.6540

Inverse Universe

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



149.3150, -0.6483, 68.1297



150.0560, -1.0136, 92.0359



156.7230, -23.0344, 61.6329



107.0440, -0.0217, 6.9774



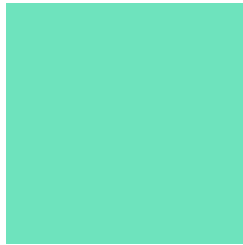
60.1330, -1.0516, 104.2464



17.1870, -0.0922, 29.6540

Previews

White Background



This preview shows how the YUV color 187.6850, 0.6483, -68.1297 looks on a white background.

Color Contrast Check

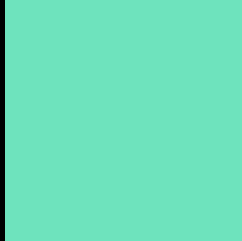
Large Text (above 18pt) WCAG AA × Fail

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 187.6850, 0.6483, -68.1297 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

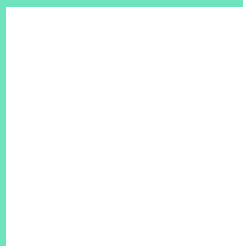
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 187.6850, 0.6483, -68.1297

Background



This preview shows how black text looks on a background with the YUV color 187.6850, 0.6483, -68.1297.



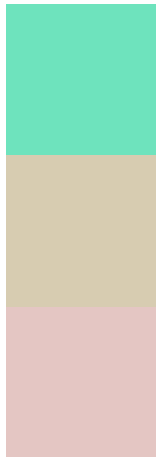
This preview shows how white text looks on a background with the YUV color 187.6850, 0.6483, -68.1297.

-68.1297.

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

187.6850, 0.6483, -68.1297

Protanopia

204.2110, -13.4150, 9.4620

Deuteranopia

206.6280, -5.7326, 18.7432



Tritanopia

193.6470, 21.8660, -60.2034

Trichromacy



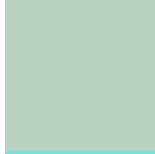
Original Color

187.6850, 0.6483, -68.1297



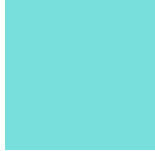
Protanomaly

198.0010, -8.3815, -18.4179



Deuteranomaly

200.0000, -3.4510, -13.1550



Tritanomaly

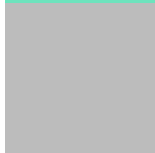
191.8610, 13.8725, -63.0221

Monochromacy



Original Color

187.6850, 0.6483, -68.1297



Achromatopsia

188.0000, 0.0000, 0.0000



Achromatomaly

187.8460, 0.0759, -24.4209

CSS Examples

Text

The CSS property to change the color of the text to YUV 187.6850, 0.6483, -68.1297 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(110, 227, 189)` looks like.

```
.text, #text, p{  
    color:rgb(110, 227, 189)  
}
```

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(110, 227, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 227, 189) }
```

Border

The CSS property to change the border of an element to YUV 187.6850, 0.6483, -68.1297 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(110, 227, 189) }
```


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

```
.border{ border-color:rgb(110, 227, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 227, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 227, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 227, 189);  
box-shadow:4px 4px 4px 4px rgb(110, 227,  
189) }
```

Background

The CSS property to change the background color of an element to YUV 187.6850, 0.6483, -68.1297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 227, 189) }
```

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

```
.background{ background-color: rgb(110,  
227, 189) }
```

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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