

Converting Colors

YUV(186.4910, -5.1721,
-67.9596)

Have a look what the booklet for
YUV(186.4910, -5.1721, -67.9596)
contains.

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Color

**YUV(186.4910, -5.1721,
-67.9596)**

Conversions

Conversions Part 1

Format	Color
Hex	6DE4B0
RGB	109, 228, 176
RGB Percent	43%, 89%, 69%
CMY	0.5725, 0.1059, 0.3098
CMYK	0.52, 0.00, 0.23, 0.11
HSL	154°, 69%, 66%
HSV	154°, 52%, 89%
XYZ	41.8866, 61.8726, 50.8093
YIQ	186.4910, -54.2320, -41.4000

Conversions

Conversions Part 2

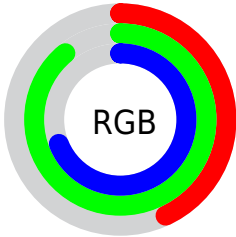
Format	Color
RYB	109, 185, 228
Decimal	7201968
CIELab	82.85, -45.56, 15.30
CIELCh	83, 48.063, 161.444
Yxy	61.8726, 0.2710, 0.4003
Android (android.graphics.Color)	4285392048 (0xFF6DE4B0)
YUV	186.4910, -5.1721, -67.9596
Hunter-Lab	78.6591, -42.6010, 16.7635

Details

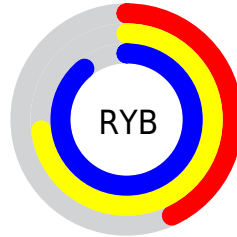
The YUV color **186.4910, -5.1721, -67.9596** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **150.5090, 5.1721, 67.9596**, and the grayscale version is **187.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.3650, 2.7781, -51.1861**, and **128.4410, -2.6824, -73.1778** is the 20% darker color. If you saturate the color by 10%, you get **178.4740, -6.1497, -81.0997**, and if you desaturate by 10%, it is **194.5080, -4.1944, -54.8195**.

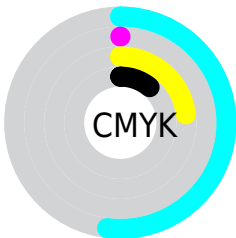
Distribution



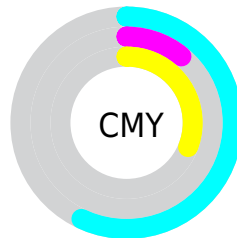
- Red (43%)
- Green (89%)
- Blue (69%)



- Red (43%)
- Yellow (73%)
- Blue (89%)



- Cyan (52%)
- Magenta (0%)
- Yellow (23%)
- Black (11%)



- Cyan (57%)
- Magenta (11%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 186.4910, -5.1721, -67.9596 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 186.4910, -5.1721, -67.9596 by changing the saturation by 10% instead.

 186.4910, -5.1721,
-67.9596


 186.4910, -5.1721,
-67.9596


255.0000, 0.0000,
0.0000

 158.0070, -4.4405,
-69.2891


 226.3650, 2.7781,
-51.1861


 128.4410, -2.6824,
-73.1778


 237.6580, 8.5496,
-35.6571

 96.2870, 0.8445,
-84.4437

 246.6280, 4.1274,
-17.2138

 77.7020, -1.8251,
-68.1447

 60.5190, -4.1999,
-53.0752

 43.3360, -6.5746,
-38.0057

 27.2130, -9.9650,

-23.8658

■ 10.5660, -5.2090,
-9.2664

■ 0.0000, 0.0000,
0.0000

■ 186.4910, -5.1721,
-67.9596

■ 186.4910, -5.1721,
-67.9596

■ 178.4740, -6.1497,
-81.0997

■ 194.5080, -4.1944,
-54.8195

■ 170.4570, -7.1273,
-94.2398

■ 202.5250, -3.2168,
-41.6794

■ 162.7390, -8.2523,
-106.7651

■ 210.2430, -2.0918,
-29.1541

■ 154.7220, -9.2299,
-119.9052

■ 218.2600, -1.1142,
-16.0140

■ 148.4280,
-10.0710, -130.1714

■ 226.2770, -0.1366,
-2.8739

■ 234.2940, 0.8411,
10.2662

■ 238.1250, 3.8824,
14.7994

■ 239.1510, 7.8136,
13.8996

Harmonies

Analogous

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



195.5770, -28.8785, -24.1850



186.4910, -5.1721, -67.9596



160.4320, 30.8460, -140.6989

Triad

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



186.4910, -5.1721, -67.9596



199.3380, 27.4414, -28.3604



198.3040, -24.3069, 49.7224

Complementary

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



186.4910, -5.1721, -67.9596



150.5090, 5.1721, 67.9596

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.



197.6950, -3.7936, 50.2565



186.4910, -5.1721, -67.9596



209.0930, 22.6322, 20.9664

Square

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



186.4910, -5.1721, -67.9596



180.3470, 36.8039, -91.5123



205.2870, 15.1415, 43.5983



203.9170, -40.8781, 44.7998

Rectangle

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



186.4910, -5.1721, -67.9596



163.1510, 43.8026, -143.0834



205.2870, 15.1415, 43.5983



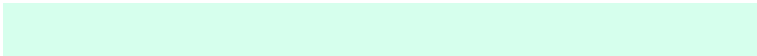
197.3240, -17.9077, 50.5819

Sweetspot

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



186.4910, -5.1721, -67.9596



240.6890, -1.8187, -23.4063



194.9990, -42.3975, -28.0631



119.2710, -1.1196, -14.2697



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.



186.4910, -5.1721, -67.9596



198.8810, -6.8433, -91.9806



188.8970, 19.2778, -70.0697



110.8420, -0.4151, -6.8774



116.4730, -8.1212, -102.1468



33.2430, -2.0918, -29.1541

Inverse Universe

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



150.5090, 5.1721, 67.9596



150.2330, 7.2801, 91.8807



148.1030, -19.2778, 70.0697



107.1580, 0.4151, 6.8774



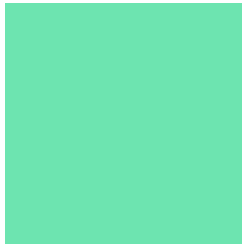
62.4130, 7.6844, 102.2468



17.7570, 2.0918, 29.1541

Previews

White Background



This preview shows how the YUV color 186.4910, -5.1721, -67.9596 looks on a white background.

Color Contrast Check

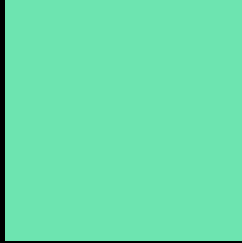
Large Text (above 18pt) WCAG AA × Fail

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 186.4910, -5.1721, -67.9596 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

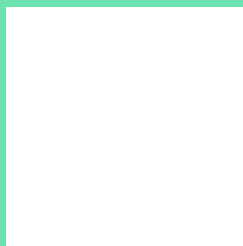
Any Text WCAG AAA ✓ Pass

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

YUV 186.4910, -5.1721, -67.9596 Background



This preview shows how black text looks on a background with the YUV color 186.4910, -5.1721, -67.9596.



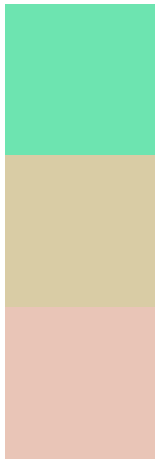
This preview shows how white text looks on a background with the YUV color 186.4910, -5.1721,

-67.9596.

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

186.4910, -5.1721, -67.9596

Protanopia

203.4410, -18.9514, 11.8912

Deuteranopia

206.1680, -11.4218, 23.5317



Tritanopia

194.2450, 21.5712, -58.9739

Trichromacy



Original Color

186.4910, -5.1721, -67.9596



Protanomaly

197.5190, -14.0599, -17.1182



Deuteranomaly

198.8280, -9.2822, -9.4962



Tritanomaly

191.2910, 11.6885, -62.5222

Monochromacy



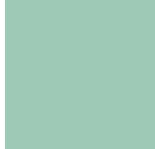
Original Color

186.4910, -5.1721, -67.9596



Achromatopsia

186.0000, 0.0000, 0.0000



Achromatomaly

185.9770, -1.9607, -24.5358

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.4910, -5.1721, -67.9596 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(109, 228, 176)` looks like.

```
.text, #text, p{  
    color:rgb(109, 228, 176)  
}
```

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(109, 228, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 228, 176) }
```

Border

The CSS property to change the border of an element to YUV 186.4910, -5.1721, -67.9596 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(109, 228, 176) }
```


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

```
.border{ border-color:rgb(109, 228, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 228, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 228, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 228, 176);  
box-shadow:4px 4px 4px 4px rgb(109, 228,  
176) }
```

Background

The CSS property to change the background color of an element to YUV 186.4910, -5.1721, -67.9596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 228, 176) }
```

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

```
.background{ background-color: rgb(109,  
228, 176) }
```

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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