

Converting Colors

YUV(186.0270, 1.9587,
-68.4297)

Have a look what the booklet for
YUV(186.0270, 1.9587, -68.4297)
contains.

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Color

**YUV(186.0270, 1.9587,
-68.4297)**

Conversions

Conversions Part 1

Format	Color
Hex	6CE1BE
RGB	108, 225, 190
RGB Percent	42%, 88%, 75%
CMY	0.5765, 0.1176, 0.2549
CMYK	0.52, 0.00, 0.16, 0.12
HSL	162°, 66%, 65%
HSV	162°, 52%, 88%
XYZ	42.4038, 60.7563, 58.2074
YIQ	186.0270, -58.4970, -35.6890

Conversions

Conversions Part 2

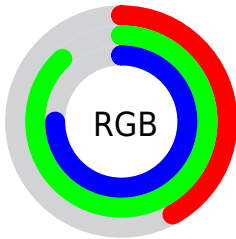
Format	Color
RYB	108, 177, 225
Decimal	7135678
CIELab	82.25, -41.43, 7.07
CIELCh	82, 42.026, 170.310
Yxy	60.7563, 0.2628, 0.3765
Android (android.graphics.Color)	4285325758 (0xFF6CE1BE)
YUV	186.0270, 1.9587, -68.4297
Hunter-Lab	77.9463, -39.2997, 10.2868

Details

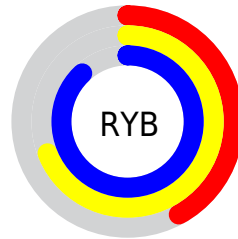
The YUV color **186.0270, 1.9587, -68.4297** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **146.9730, -1.9587, 68.4297**, and the grayscale version is **186.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.6620, 9.0406, -53.2006**, and **127.6780, 4.5957, -74.2626** is the 20% darker color. If you saturate the color by 10%, you get **178.6510, 2.1441, -81.2549**, and if you desaturate by 10%, it is **193.7020, 1.6259, -54.9897**.

Distribution



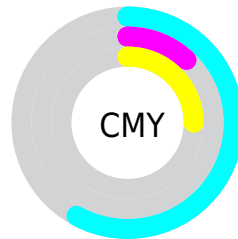
- Red (42%)
- Green (88%)
- Blue (75%)



- Red (42%)
- Yellow (69%)
- Blue (88%)



- Cyan (52%)
- Magenta (0%)
- Yellow (16%)
- Black (12%)



- Cyan (58%)
- Magenta (12%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 186.0270, 1.9587, -68.4297 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 186.0270, 1.9587, -68.4297 by changing the saturation by 10% instead.

■ 186.0270, 1.9587,
-68.4297

■ 186.0270, 1.9587,
-68.4297

255.0000, 0.0000,
0.0000

■ 157.5430, 2.6903,
-69.7592

■ 227.6620, 9.0406,
-53.2006

■ 127.6780, 4.5957,
-74.2626

■ 237.3590, 8.6970,
-36.2718

■ 96.0080, 7.3911,
-84.1990

■ 246.3290, 4.2748,
-17.8285

■ 78.0100, 4.4321,
-68.4148

■ 60.7130, 1.6205,
-53.2453

■ 43.5300, -0.7543,
-38.1758

■ 28.2220, -3.5604,

-24.7507

■ 8.8050, -4.3409,
-7.7220

■ 0.0000, 0.0000,
0.0000

■ 186.0270, 1.9587,
-68.4297

■ 186.0270, 1.9587,
-68.4297

■ 178.6510, 2.1441,
-81.2549

■ 193.7020, 1.6259,
-54.9897

■ 171.0900, 2.9136,
-94.7949

■ 200.9640, 1.0037,
-42.0644


■ 163.7140, 3.0990,
-107.6202

■ 208.6390, 0.6710,
-28.6244

■ 156.0390, 3.4318,
-121.0602


■ 216.0150, 0.4856,
-15.7992


 150.0870, 3.9011,
-131.6263

 223.3910, 0.3002,
-2.9739

 230.9520, -0.4693,
10.5661

 235.3380, 0.8194,
17.2436

 236.1360, 3.8770,
16.5437

 236.9340, 6.9345,
15.8439

Harmonies

Analogous

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



193.8240, -20.1262, -31.4176



186.0270, 1.9587, -68.4297



175.7400, 27.2432, -105.0120

Triad

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



186.0270, 1.9587, -68.4297



202.9920, 25.6399, -10.5170



200.7830, -27.5010, 47.5483

Complementary

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



186.0270, 1.9587, -68.4297



146.9730, -1.9587, 68.4297

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.



199.3760, -10.0454, 48.7822



186.0270, 1.9587, -68.4297



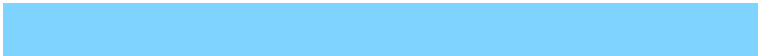
210.0230, 22.1737, 28.0438

Square

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



186.0270, 1.9587, -68.4297



191.1880, 31.4593, -57.1699



203.9360, 7.4266, 44.7831



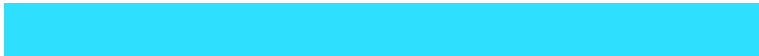
203.0620, -37.4986, 34.1486

Rectangle

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



186.0270, 1.9587, -68.4297



173.9100, 39.4844, -111.3001



203.9360, 7.4266, 44.7831



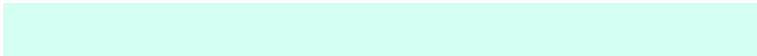
200.1620, -22.2649, 48.0929

Sweetspot

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



186.0270, 1.9587, -68.4297



241.3730, 0.8021, -24.0061



187.1440, -39.0180, -38.7143



119.6130, 0.1908, -14.5696



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.



186.0270, 1.9587, -68.4297



202.4000, 2.7608, -92.4358



176.5160, 23.9026, -60.0885



108.3690, 0.3111, -6.4626



117.3340, 2.7933, -102.9019



32.0520, 0.9604, -28.1096

Inverse Universe

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



146.9730, -1.9587, 68.4297



149.6000, -2.7608, 92.4358



156.4840, -23.9026, 60.0885



104.6310, -0.3111, 6.4626



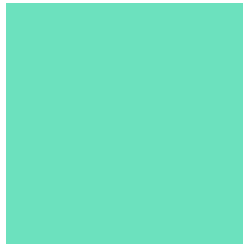
58.6660, -2.7933, 102.9019



15.9480, -0.9604, 28.1096

Previews

White Background



This preview shows how the YUV color 186.0270, 1.9587, -68.4297 looks on a white background.

Color Contrast Check

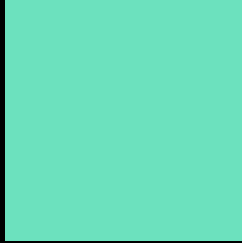
Large Text (above 18pt) WCAG AA × Fail

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 186.0270, 1.9587, -68.4297 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

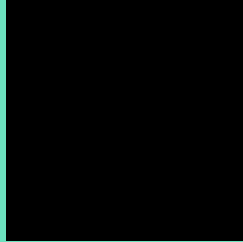
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

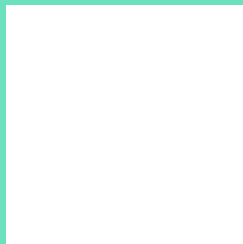
Any Text WCAG AAA ✓ Pass

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

YUV 186.0270, 1.9587, -68.4297 Background



This preview shows how black text looks on a background with the YUV color 186.0270, 1.9587, -68.4297.



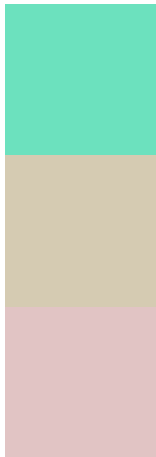
This preview shows how white text looks on a background with the YUV color 186.0270, 1.9587, -68.4297.

-68.4297.

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

186.0270, 1.9587, -68.4297

Protanopia

203.1400, -12.3940, 8.6472

Deuteranopia

204.6710, -4.2748, 17.8285



Tritanopia

191.9350, 21.7240, -61.3330

Trichromacy



Original Color

186.0270, 1.9587, -68.4297



Protanomaly

196.9300, -7.3605, -19.2326



Deuteranomaly

198.0430, -1.9932, -14.0697



Tritanomaly

189.6760, 14.4567, -63.7369

Monochromacy



Original Color

186.0270, 1.9587, -68.4297



Achromatopsia

186.0000, 0.0000, 0.0000



Achromatomaly

185.9600, 0.5127, -24.5209

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.0270, 1.9587, -68.4297 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(108, 225, 190)` looks like.

```
.text, #text, p{  
    color:rgb(108, 225, 190)  
}
```

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(108, 225, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 225, 190) }
```

Border

The CSS property to change the border of an element to YUV 186.0270, 1.9587, -68.4297 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(108, 225, 190) }
```


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

```
.border{ border-color:rgb(108, 225, 190) }
```

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

Here you see how a box with a 4 pixel rgb(108, 225, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 225, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 225, 190);  
box-shadow:4px 4px 4px 4px rgb(108, 225,  
190) }
```

Background

The CSS property to change the background color of an element to YUV 186.0270, 1.9587, -68.4297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 225, 190) }
```

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

```
.background{ background-color: rgb(108,  
225, 190) }
```

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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