

Converting Colors

YUV(187.1720, 2.3802,
-16.8138)

Have a look what the booklet for
YUV(187.1720, 2.3802, -16.8138)
contains.

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Color

**YUV(187.1720, 2.3802,
-16.8138)**

Conversions

Conversions Part 1

Format	Color
Hex	A8C4C0
RGB	168, 196, 192
RGB Percent	66%, 77%, 75%
CMY	0.3412, 0.2314, 0.2471
CMYK	0.14, 0.00, 0.02, 0.23
HSL	171°, 19%, 71%
HSV	171°, 14%, 77%
XYZ	45.4028, 51.6105, 57.4380
YIQ	187.1720, -15.4040, -7.1800

Conversions

Conversions Part 2

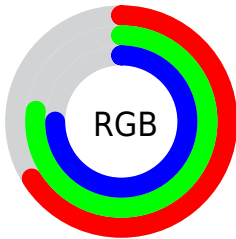
Format	Color
RYB	168, 183, 196
Decimal	11060416
CIELab	77.05, -10.21, -1.17
CIElCh	77, 10.276, 186.561
Yxy	51.6105, 0.2940, 0.3342
Android (android.graphics.Color)	4289250496 (0xFFA8C4C0)
YUV	187.1720, 2.3802, -16.8138
Hunter-Lab	71.8404, -12.9096, 2.8846

Details

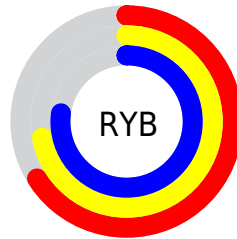
The YUV color $187.1720, 2.3802, -16.8138$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $176.8280, -2.3802, 16.8138$, and the grayscale version is $187.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $243.4600, 2.2382, -17.9434$, and $133.8840, 2.5222, -15.6843$ is the 20% darker color. If you saturate the color by 10%, you get $180.8500, 4.0180, -28.8094$, and if you desaturate by 10%, it is $193.4940, 0.7425, -4.8182$.

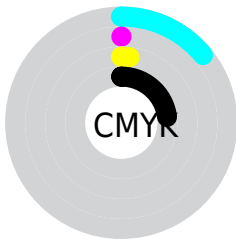
Distribution



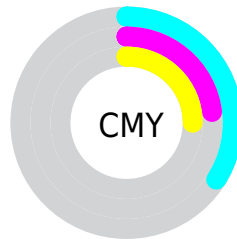
- Red (66%)
- Green (77%)
- Blue (75%)



- Red (66%)
- Yellow (72%)
- Blue (77%)



- Cyan (14%)
- Magenta (0%)
- Yellow (2%)
- Black (23%)



- Cyan (34%)
- Magenta (23%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 187.1720, 2.3802, -16.8138 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 187.1720, 2.3802, -16.8138 by changing the saturation by 10% instead.

■ 187.1720, 2.3802,
-16.8138

■ 187.1720, 2.3802,
-16.8138

255.0000, 0.0000,
0.0000

■ 160.1720, 2.3802,
-16.8138

■ 243.4600, 2.2382,
-17.9434

■ 133.8840, 2.5222,
-15.6843

■ 254.1030, 0.4422,
-1.8443

■ 108.7700, 2.0854,
-15.5843

■ 84.1830, 2.3748,
-15.0695

■ 60.4820, 2.2274,
-14.4547

■ 38.4820, 2.2274,
-14.4547

■ 17.8840, 2.5222,

-15.6843

■ 0.0000, 0.0000,
0.0000

■ 187.1720, 2.3802,
-16.8138

■ 187.1720, 2.3802,
-16.8138

■ 180.8500, 4.0180,
-28.8094

■ 193.4940, 0.7425,
-4.8182

■ 174.8270, 5.5083,
-40.1903

■ 199.5170, -0.7479,
6.5626

■ 168.6190, 7.5828,
-52.2859

■ 205.7250, -2.8224,
18.6582

■ 162.5960, 9.0732,
-63.6667

■ 211.7480, -4.3128,
30.0390

■ 156.2740, 10.7109,
-75.6623

■ 214.7810, -4.3290,
35.2721

■ 149.9520, 12.3487,
-87.6579

■ 215.1230, -3.0186,
34.9721

■ 143.9290, 13.8390,
-99.0387

■ 215.4650, -1.7082,
34.6722

■ 137.7210, 15.9135,
-111.1343

■ 215.6930, -0.8346,
34.4722

■ 134.2040, 16.6614,
-117.6969

■ 216.0350, 0.4757,
34.1723

Harmonies

Analogous

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



187.5380, -2.7302, -10.9958



187.1720, 2.3802, -16.8138



187.3120, 6.7482, -17.8136

Triad

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



187.1720, 2.3802, -16.8138



191.4440, 6.6831, 3.1186



190.7860, -8.7685, 12.4657

Complementary

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



187.1720, 2.3802, -16.8138



176.8280, -2.3802, 16.8138

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.



191.7910, -6.3060, 15.9693



187.1720, 2.3802, -16.8138



192.4620, 2.7302, 10.9958

Square

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



187.1720, 2.3802, -16.8138



190.0730, 9.3310, -6.2030



192.2300, -2.0854, 15.5843



189.6280, -9.1836, 5.5882

Rectangle

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



187.1720, 2.3802, -16.8138



188.1920, 8.7793, -15.9544



192.2300, -2.0854, 15.5843



191.0250, -7.9003, 14.0101

Sweetspot

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



187.1720, 2.3802, -16.8138



251.8960, 1.0373, -6.0478



185.6320, -8.6926, -11.9553



125.7930, 0.5951, -4.2035



0.0000, 0.0000, 0.0000



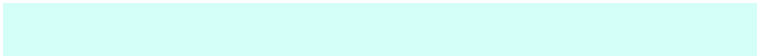
128.0000, 0.0000, 0.0000

Same Dimension

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



187.1720, 2.3802, -16.8138



241.4590, 3.7177, -25.8355



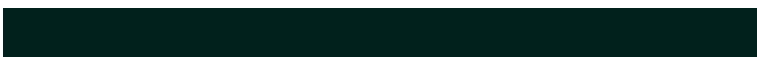
181.7580, 7.0213, -12.0658



93.8960, 1.0373, -6.0478



110.2390, 13.6862, -96.6796



22.5630, 2.6804, -19.7878

Inverse Universe

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



176.8280, -2.3802, 16.8138



225.5410, -3.7177, 25.8355



182.2420, -7.0213, 12.0658



90.2180, -0.6005, 5.9478



50.7610, -13.6862, 96.6796



10.4370, -2.6804, 19.7878

Previews

White Background



This preview shows how the YUV color 187.1720, 2.3802, -16.8138 looks on a white background.

Color Contrast Check

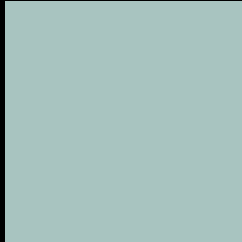
Large Text (above 18pt) WCAG AA × Fail

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 187.1720, 2.3802, -16.8138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

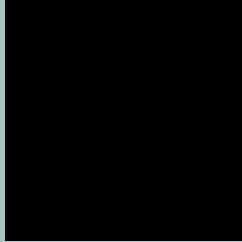
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 187.1720, 2.3802, -16.8138

Background



This preview shows how black text looks on a background with the YUV color 187.1720, 2.3802, -16.8138.



This preview shows how white text looks on a background with the YUV color 187.1720, 2.3802, -16.8138.

-16.8138.

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

187.1720, 2.3802, -16.8138

Protanopia

190.3810, -1.1738, 3.1739

Deuteranopia

191.7180, 1.1250, 12.5253



Tritanopia

188.2460, 10.2317, -15.1247

Trichromacy



Original Color

187.1720, 2.3802, -16.8138

Protanomaly

189.5650, -0.2785, -4.0035

Deuteranomaly

189.7660, 1.5944, 1.9592

Tritanomaly

187.8500, 7.4690, -15.6544

Monochromacy



Original Color

187.1720, 2.3802, -16.8138

Achromatopsia

187.0000, 0.0000, 0.0000

Achromatomaly

186.8960, 1.0373, -6.0478

CSS Examples

Text

The CSS property to change the color of the text to YUV 187.1720, 2.3802, -16.8138 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(168, 196, 192)` looks like.

```
.text, #text, p{  
    color:rgb(168, 196, 192)  
}
```

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(168, 196, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 196, 192) }
```

Border

The CSS property to change the border of an element to YUV 187.1720, 2.3802, -16.8138 is called "border". The border property can be set on classes, ids or directly on the HTML element.

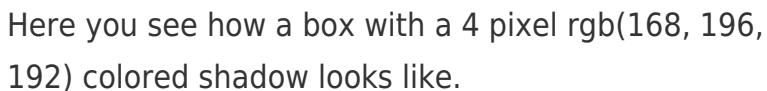
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(168, 196, 192) }
```


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

```
.border{ border-color:rgb(168, 196, 192) }
```

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



Here you see how a box with a 4 pixel `rgb(168, 196, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 196, 192); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 196, 192); box-shadow:4px 4px 4px 4px rgb(168, 196, 192) }
```

Background

The CSS property to change the background color of an element to YUV 187.1720, 2.3802, -16.8138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 196, 192) }
```

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

```
.background{ background-color: rgb(168,  
196, 192) }
```

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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