

Converting Colors

YUV(188.4110, -0.2026,
-28.4244)

Have a look what the booklet for
YUV(188.4110, -0.2026, -28.4244)
contains.

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Color

**YUV(188.4110, -0.2026,
-28.4244)**

Conversions

Conversions Part 1

Format	Color
Hex	9CCDBC
RGB	156, 205, 188
RGB Percent	61%, 80%, 74%
CMY	0.3882, 0.1961, 0.2627
CMYK	0.24, 0.00, 0.08, 0.20
HSL	159°, 33%, 71%
HSV	159°, 24%, 80%
XYZ	44.6187, 54.3614, 55.7181
YIQ	188.4110, -23.7470, -15.6750

Conversions

Conversions Part 2

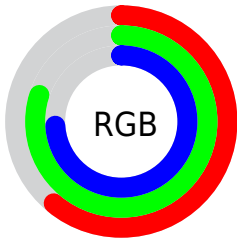
Format	Color
R _{YB}	156, 186, 205
Decimal	10276284
CIE Lab	78.67, -19.47, 3.26
CIE LCh	79, 19.745, 170.508
Yxy	54.3614, 0.2884, 0.3514
Android (android.graphics.Color)	4288466364 (0xFF9CCDBC)
YUV	188.4110, -0.2026, -28.4244
Hunter-Lab	73.7302, -21.0064, 6.8055

Details

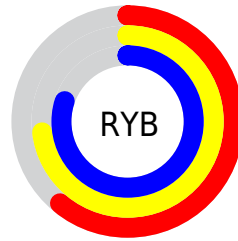
The YUV color **188.4110, -0.2026, -28.4244** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **172.5890, 0.2026, 28.4244**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.5900, 1.6811, -25.9504**, and **135.1230, -0.0606, -27.2949** is the 20% darker color. If you saturate the color by 10%, you get **181.6330, -0.3121, -40.0201**, and if you desaturate by 10%, it is **195.4880, -0.2406, -16.2140**.

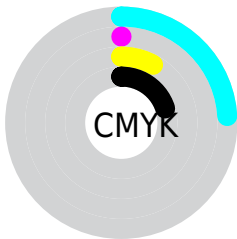
Distribution



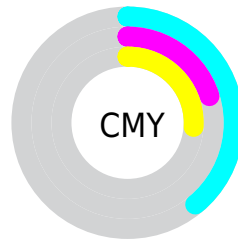
- Red (61%)
- Green (80%)
- Blue (74%)



- Red (61%)
- Yellow (73%)
- Blue (80%)



- Cyan (24%)
- Magenta (0%)
- Yellow (8%)
- Black (20%)



- Cyan (39%)
- Magenta (20%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 188.4110, -0.2026, -28.4244 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 188.4110, -0.2026, -28.4244 by changing the saturation by 10% instead.

■ 188.4110, -0.2026,
-28.4244

■ 188.4110, -0.2026,
-28.4244

255.0000, 0.0000,
0.0000

■ 160.8240, 0.0868,
-27.9096

■ 240.5900, 1.6811,
-25.9504

■ 135.1230, -0.0606,
-27.2949

■ 250.5150, 2.2111,
-9.2217

■ 109.2370, 0.3762,
-27.3948

■ 84.5360, 0.2288,
-26.7801

■ 60.0630, 0.9549,
-26.3653

■ 35.9810, 1.9814,
-28.9243

■ 21.0640, -0.5246,

-18.4731

■ 0.0000, 0.0000,
0.0000

■ 188.4110, -0.2026,
-28.4244

■ 188.4110, -0.2026,
-28.4244

■ 181.6330, -0.3121,
-40.0201

■ 195.4880, -0.2406,
-16.2140

■ 174.5560, -0.2741,
-52.2306

■ 202.2660, -0.1311,
-4.6183

■ 167.7780, -0.3836,
-63.8263

■ 209.3430, -0.1691,
7.5922

■ 160.7010, -0.3456,
-76.0368

■ 216.1210, -0.0597,
19.1879

■ 153.8090, -0.8918,
-87.5325

■ 222.1160, 0.9288,
28.8393

■ 146.7320, -0.8539,
-99.7430

■ 222.9140, 3.9864,
28.1394

■ 139.6550, -0.8159,
-111.9534

■ 223.7120, 7.0440,
27.4396

■ 135.6110, -0.7942,
-118.9308

■ 224.5100, 10.1016,
26.7397

■ 225.3080, 13.1592,
26.0399

Harmonies

Analogous

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



190.0940, -9.4133, -14.1144



188.4110, -0.2026, -28.4244



187.5870, 9.5706, -36.4718

Triad

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



188.4110, -0.2026, -28.4244



195.9190, 16.3089, -4.3140



196.3920, -14.4903, 27.7202

Complementary

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



188.4110, -0.2026, -28.4244



172.5890, 0.2026, 28.4244

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.



197.3630, -7.0810, 31.2536



188.4110, -0.2026, -28.4244



197.7210, 9.9975, 13.3997

Square

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



188.4110, -0.2026, -28.4244



192.3790, 18.5472, -22.2574



197.9200, 1.5184, 26.3802



194.5280, -17.5153, 17.9539

Rectangle

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



188.4110, -0.2026, -28.4244



188.5530, 14.5174, -36.4420



197.9200, 1.5184, 26.3802



196.6850, -12.1697, 30.0943

Sweetspot

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



188.4110, -0.2026, -28.4244



248.9340, 0.0325, -10.4661



189.8460, -16.6861, -14.7739



124.2550, -0.1257, -6.3626



0.0000, 0.0000, 0.0000



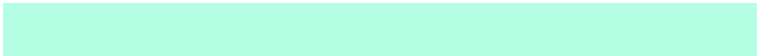
128.0000, 0.0000, 0.0000

Same Dimension

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



188.4110, -0.2026, -28.4244



229.9100, -0.4486, -42.8941



186.2400, 9.2487, -26.5205



98.5540, -0.2731, -5.7479



109.7540, -0.8647, -96.2543



25.1560, -0.0769, -22.0618

Inverse Universe

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



172.5890, 0.2026, 28.4244



206.0900, 0.4486, 42.8941



174.7600, -9.2487, 26.5205



95.3320, -0.1637, 5.8478



56.2460, 0.8647, 96.2543



12.8440, 0.0769, 22.0618

Previews

White Background



This preview shows how the YUV color 188.4110, -0.2026, -28.4244 looks on a white background.

Color Contrast Check

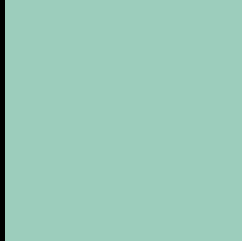
Large Text (above 18pt) WCAG AA × Fail

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 188.4110, -0.2026, -28.4244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

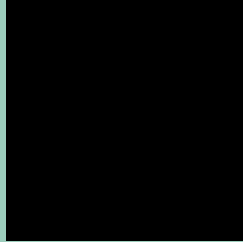
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 188.4110, -0.2026, -28.4244

Background



This preview shows how black text looks on a background with the YUV color 188.4110, -0.2026, -28.4244.



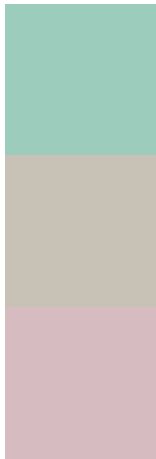
This preview shows how white text looks on a background with the YUV color 188.4110, -0.2026, -28.4244.

-28.4244.

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

188.4110, -0.2026, -28.4244

Protanopia

193.8390, -5.8366, 5.4032

Deuteranopia

196.2300, -2.0854, 15.5843



Tritanopia

191.1630, 12.7376, -25.5760

Trichromacy



Original Color

188.4110, -0.2026, -28.4244

Protanomaly

191.6310, -3.7621, -6.6924

Deuteranomaly

193.3590, -1.1630, -0.3148

Tritanomaly

189.8980, 7.9383, -26.2205

Monochromacy



Original Color

188.4110, -0.2026, -28.4244

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

187.9340, 0.0325, -10.4661

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.4110, -0.2026, -28.4244 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(156, 205, 188)` looks like.

```
.text, #text, p{  
    color:rgb(156, 205, 188)  
}
```

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(156, 205, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 205, 188) }
```

Border

The CSS property to change the border of an element to YUV 188.4110, -0.2026, -28.4244 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(156, 205, 188) }
```


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

```
.border{ border-color:rgb(156, 205, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 205, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 205, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 205, 188);  
box-shadow:4px 4px 4px 4px rgb(156, 205,  
188) }
```

Background

The CSS property to change the background color of an element to YUV 188.4110, -0.2026, -28.4244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 205, 188) }
```

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

```
.background{ background-color: rgb(156,  
205, 188) }
```

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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