

Converting Colors

YUV(126.4160, 25.4309,
-83.6798)

Have a look what the booklet for
YUV(126.4160, 25.4309, -83.6798)
contains.

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Color

**YUV(126.4160, 25.4309,
-83.6798)**

Conversions

Conversions Part 1

Format	Color
Hex	1FA5B2
RGB	31, 165, 178
RGB Percent	12%, 65%, 70%
CMY	0.8784, 0.3529, 0.3020
CMYK	0.83, 0.07, 0.00, 0.30
HSL	185°, 70%, 41%
HSV	185°, 83%, 70%
XYZ	22.0561, 30.4159, 46.8279
YIQ	126.4160, -84.0370, -24.3650

Conversions

Conversions Part 2

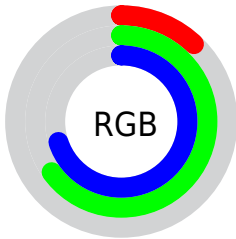
Format	Color
RYB	31, 101, 178
Decimal	2074034
CIELab	62.01, -29.00, -16.46
CIELCh	62, 33.348, 209.583
Yxy	30.4159, 0.2221, 0.3063
Android (android.graphics.Color)	4280264114 (0xFF1FA5B2)
YUV	126.4160, 25.4309, -83.6798
Hunter-Lab	55.1506, -25.1271, -11.7371

Details

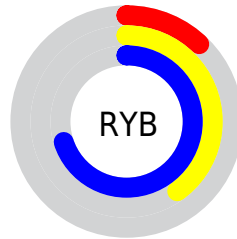
The YUV color **126.4160, 25.4309, -83.6798** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **82.5840, -25.4309, 83.6798**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.2110, 23.0670, -72.0990**, and **80.5810, 21.8986, -70.6695** is the 20% darker color. If you saturate the color by 10%, you get **119.8600, 28.6630, -93.7162**, and if you desaturate by 10%, it is **132.9720, 22.1988, -73.6434**.

Distribution



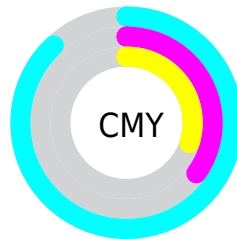
- Red (12%)
- Green (65%)
- Blue (70%)



- Red (12%)
- Yellow (40%)
- Blue (70%)



- Cyan (83%)
- Magenta (7%)
- Yellow (0%)
- Black (30%)



- Cyan (88%)
- Magenta (35%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 126.4160, 25.4309, -83.6798 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 126.4160, 25.4309, -83.6798 by changing the saturation by 10% instead.

■ 126.4160, 25.4309,
-83.6798

■ 126.4160, 25.4309,
-83.6798

■ 255.0000, 0.0000,
0.0000

■ 98.2200, 26.0205,
-86.1389

■ 187.2110, 23.0670,
-72.0990

■ 80.5810, 21.8986,
-70.6695

■ 215.5980, 19.4252,
-70.6844

■ 63.0560, 18.2134,
-55.3001

■ 228.3890, 13.1192,
-54.7152

■ 46.2320, 14.6756,
-40.5455

■ 237.3590, 8.6970,
-36.2718

■ 30.2230, 11.7221,
-26.5056

■ 246.3290, 4.2748,
-17.8285

■ 12.5670, 10.0735,
-11.0213

■ 0.7980, 3.0576,

-0.6998

■ 0.0000, 0.0000,
0.0000

■ 126.4160, 25.4309,
-83.6798

■ 126.4160, 25.4309,
-83.6798

■ 119.8600, 28.6630,
-93.7162

■ 132.9720, 22.1988,
-73.6434

■ 115.3860, 30.8687,
-101.1935

■ 138.9410, 19.2561,
-63.0923

■ 145.1980, 16.1714,
-53.6706

■ 151.1670, 13.2287,
-43.1195

■ 157.7230, 9.9966,
-33.0831

■ 163.6920, 7.0538,
-22.5319

■ 170.2480, 3.8217,
-12.4955

■ 176.5050, 0.7370,
-3.0739

■ 182.4740, -2.2057,
7.4773

Harmonies

Analogous

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



133.7490, 7.0257, -60.2929



126.4160, 25.4309, -83.6798



134.0510, 32.5129, -68.4507

Triad

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



126.4160, 25.4309, -83.6798



153.9170, 12.8589, 29.0138



147.9660, -28.5772, 19.3238

Complementary

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



126.4160, 25.4309, -83.6798



82.5840, -25.4309, 83.6798

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.



150.4120, -24.8531, 38.2267



126.4160, 25.4309, -83.6798



153.0580, -1.0146, 45.5531

Square

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



126.4160, 25.4309, -83.6798



152.0150, 24.1496, 0.8638



151.5240, -14.5553, 48.6525



144.7780, -23.5546, -5.0673

Rectangle

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



126.4160, 25.4309, -83.6798



142.0800, 32.0056, -45.6742



151.5240, -14.5553, 48.6525



149.1240, -28.1621, 26.2013

Sweetspot

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



126.4160, 25.4309, -83.6798



211.7230, 9.9966, -33.0831



118.6570, -37.2989, -76.8752



104.7740, 6.0274, -19.9728



245.0000, 0.0000, 0.0000



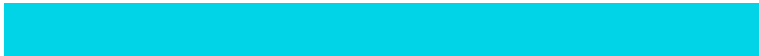
117.0000, 0.0000, 0.0000

Same Dimension

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



126.4160, 25.4309, -83.6798



151.4900, 39.6914, -131.1027



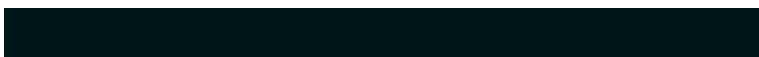
83.5650, 46.5565, -46.0995



85.7220, 1.6161, -5.0182



99.0350, 26.6047, -86.8537



16.4650, 4.7008, -14.4398

Inverse Universe

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



90.2290, 36.8621, 76.9752



94.7100, 57.8240, 120.4033



125.4350, -46.5565, 46.0995



83.6030, 2.1677, 4.7332



61.5930, 38.1617, 80.1639



10.3960, 6.2138, 13.6847

Previews

White Background



This preview shows how the YUV color 126.4160, 25.4309, -83.6798 looks on a white background.

Color Contrast Check

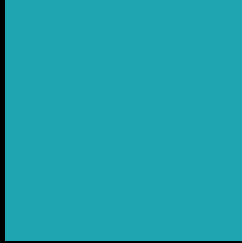
Large Text (above 18pt) WCAG AA × Fail

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 126.4160, 25.4309, -83.6798 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

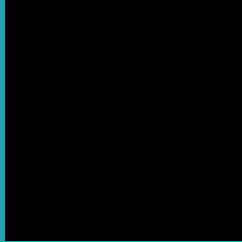
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 126.4160, 25.4309, -83.6798

Background



This preview shows how black text looks on a background with the YUV color 126.4160, 25.4309, -83.6798.

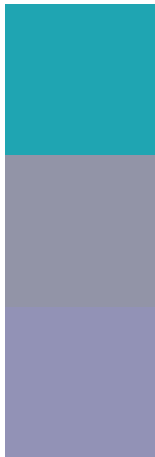


This preview shows how white text looks on a background with the YUV color 126.4160, 25.4309, -83.6798.

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

126.4160, 25.4309, -83.6798

Protanopia

149.5680, 8.5940, -3.1291

Deuteranopia

150.1040, 15.7247, -3.5992



Tritanopia

126.4160, 25.4309, -83.6798

Trichromacy



Original Color

126.4160, 25.4309, -83.6798

Protanomaly

140.9880, 14.7959, -32.4385

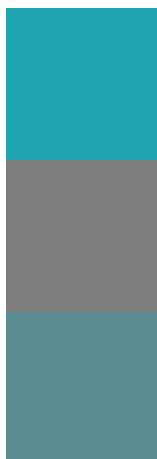
Deuteranomaly

141.5410, 19.4533, -32.9235

Tritanomaly

126.4160, 25.4309, -83.6798

Monochromacy



Original Color

126.4160, 25.4309, -83.6798

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

125.9190, 9.4069, -30.6240

CSS Examples

Text

The CSS property to change the color of the text to YUV 126.4160, 25.4309, -83.6798 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(31, 165, 178)` looks like.

```
.text, #text, p{  
  color:rgb(31, 165, 178)  
}
```

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(31, 165, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 165, 178) }
```

Border

The CSS property to change the border of an element to YUV 126.4160, 25.4309, -83.6798 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(31, 165, 178) }
```


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

```
.border{ border-color:rgb(31, 165, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 165, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 165, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 165, 178);  
box-shadow:4px 4px 4px 4px rgb(31, 165,  
178) }
```

Background

The CSS property to change the background color of an element to YUV 126.4160, 25.4309, -83.6798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 165, 178) }
```

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

```
.background{ background-color: rgb(31, 165,  
178) }
```

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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