

Converting Colors

YUV(160.1590, 18.1626,
-132.5664)

Have a look what the booklet for
YUV(160.1590, 18.1626, -132.5664)
contains.

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Color

**YUV(160.1590, 18.1626,
-132.5664)**

Conversions

Conversions Part 1

Format	Color
Hex	09E6C5
RGB	9, 230, 197
RGB Percent	4%, 90%, 77%
CMY	0.9647, 0.0980, 0.2275
CMYK	0.96, 0.00, 0.14, 0.10
HSL	171°, 92%, 47%
HSV	171°, 96%, 90%
XYZ	38.4875, 60.6829, 62.5078
YIQ	160.1590, -121.1230, -57.1150

Conversions

Conversions Part 2

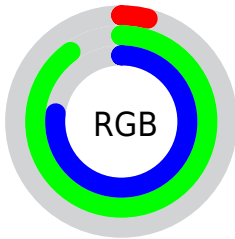
Format	Color
RYB	9, 128, 230
Decimal	648901
CIELab	82.21, -53.40, 3.10
CIELCh	82, 53.489, 176.675
Yxy	60.6829, 0.2381, 0.3753
Android (android.graphics.Color)	4278838981 (0xFF09E6C5)
YUV	160.1590, 18.1626, -132.5664
Hunter-Lab	77.8992, -48.1326, 6.9541

Details

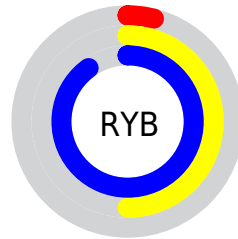
The YUV color **160.1590, 18.1626, -132.5664** is a dark color, and the websafe version is hex **33FFCC**. The color can be described as middle washed cyan. A complement of this color would be **78.8410, -18.1626, 132.5664**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.1290, 20.6424, -87.8131**, and **117.8530, 12.3975, -103.3571** is the 20% darker color. If you saturate the color by 10%, you get **157.3540, 19.0525, -137.9995**, and if you desaturate by 10%, it is **167.3780, 16.0826, -118.7265**.

Distribution



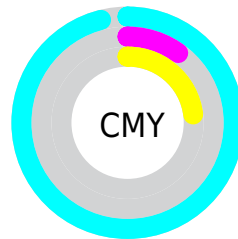
- Red (4%)
- Green (90%)
- Blue (77%)



- Red (4%)
- Yellow (50%)
- Blue (90%)



- Cyan (96%)
- Magenta (0%)
- Yellow (14%)
- Black (10%)



- Cyan (96%)
- Magenta (10%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 160.1590, 18.1626, -132.5664 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 160.1590, 18.1626, -132.5664 by changing the saturation by 10% instead.

■ 160.1590, 18.1626,
-132.5664

■ 160.1590, 18.1626,
-132.5664

■ 255.0000, 0.0000,
0.0000

■ 137.3670, 16.0881,
-120.4709

■ 212.1290, 20.6424,
-87.8131

■ 117.8530, 12.3975,
-103.3571

■ 222.4090, 16.0674,
-67.0107

■ 99.1540, 9.2911,
-86.9581

■ 231.9770, 11.3503,
-47.3378

■ 80.4550, 6.1847,
-70.5590

■ 241.5450, 6.6333,
-27.6650

■ 62.5710, 3.6625,
-54.8748

■ 251.1130, 1.9163,
-7.9921

■ 45.2740, 0.8509,
-39.7053

■ 30.0800, -1.5184,

-26.3802

■ 8.8050, -4.3409,
-7.7220

■ 0.0000, 0.0000,
0.0000

■ 160.1590, 18.1626,
-132.5664

■ 160.1590, 18.1626,
-132.5664

■ 157.3540, 19.0525,
-137.9995

■ 167.3780, 16.0826,
-118.7265

■ 174.7110, 14.4395,
-104.9865

■ 181.9300, 12.3595,
-91.1466

■ 189.2630, 10.7163,
-77.4067

■ 196.4820, 8.6364,
-63.5667

■ 203.8150, 6.9932,
-49.8268

■ 211.0340, 4.9132,
-35.9868

■ 218.2530, 2.8333,
-22.1469

■ 225.5860, 1.1901,
-8.4069

Harmonies

Analogous

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



187.4040, -19.9192, -51.2203



160.1590, 18.1626, -132.5664



163.2820, 41.7660, -143.1983

Triad

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



160.1590, 18.1626, -132.5664



202.7480, 25.7602, -2.4100



196.9870, -36.9686, 50.8774

Complementary

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



160.1590, 18.1626, -132.5664



78.8410, -18.1626, 132.5664

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.



192.7420, -15.1558, 54.6003



160.1590, 18.1626, -132.5664



208.0400, 23.1513, 41.1839

Square

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



160.1590, 18.1626, -132.5664



184.9200, 34.5494, -68.3358



196.6810, 7.5523, 51.1458



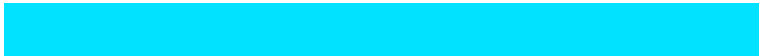
200.7880, -48.7025, 34.3889

Rectangle

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



160.1590, 18.1626, -132.5664



161.7320, 45.9811, -141.8390



196.6810, 7.5523, 51.1458



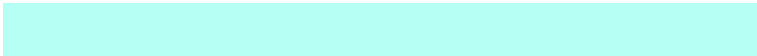
194.8330, -29.9907, 52.7665

Sweetspot

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



160.1590, 18.1626, -132.5664



231.6200, 6.1033, -44.3937



148.5940, -68.8198, -93.4829



113.7470, 3.5757, -26.9651



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.



160.1590, 18.1626, -132.5664



174.4230, 20.9905, -152.9690



118.7220, 54.8601, -96.2262



111.1840, 0.8953, -7.1774



122.4010, 14.5923, -107.3457



34.8390, 4.0234, -30.5538

Inverse Universe

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



78.8410, -18.1626, 132.5664



80.5770, -20.9905, 152.9690



120.2780, -54.8601, 96.2262



106.8160, -0.8953, 7.1774



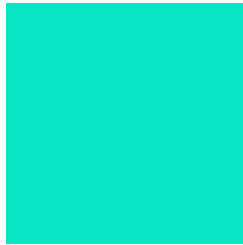
56.5990, -14.5923, 107.3457



16.1610, -4.0234, 30.5538

Previews

White Background



This preview shows how the YUV color 160.1590, 18.1626, -132.5664 looks on a white background.

Color Contrast Check

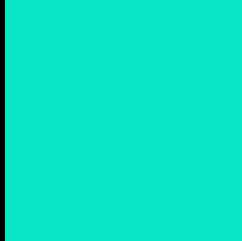
Large Text (above 18pt) WCAG AA × Fail

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 160.1590, 18.1626, -132.5664 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

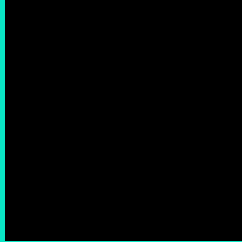
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

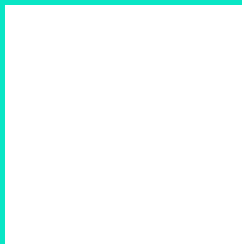
Any Text WCAG AAA ✓ Pass

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

YUV 160.1590, 18.1626, -132.5664 Background



This preview shows how black text looks on a background with the YUV color 160.1590, 18.1626, -132.5664.



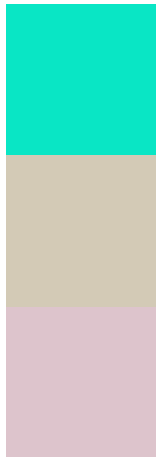
This preview shows how white text looks on a background with the YUV color 160.1590, 18.1626, -132.5664.

-132.5664.

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

160.1590, 18.1626, -132.5664

Protanopia

202.4110, -10.0626, 7.5326

Deuteranopia

204.3870, -0.1908, 14.5696



Tritanopia

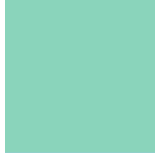
178.2120, 31.4475, -100.1639

Trichromacy



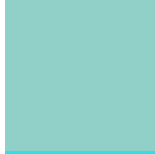
Original Color

160.1590, 18.1626, -132.5664



Protanomaly

187.0240, -0.0118, -42.9940



Deuteranomaly

188.0660, 6.3765, -38.6459



Tritanomaly

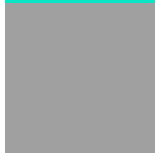
171.5820, 26.8281, -111.8894

Monochromacy



Original Color

160.1590, 18.1626, -132.5664



Achromatopsia

160.0000, 0.0000, 0.0000



Achromatomaly

159.7120, 6.5510, -47.9824

CSS Examples

Text

The CSS property to change the color of the text to YUV 160.1590, 18.1626, -132.5664 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(9, 230, 197)` looks like.

```
.text, #text, p{  
    color:rgb(9, 230, 197)  
}
```

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(9, 230, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 230, 197) }
```

Border

The CSS property to change the border of an element to YUV 160.1590, 18.1626, -132.5664 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(9, 230, 197) }
```


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

```
.border{ border-color:rgb(9, 230, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(9, 230, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 230, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(9, 230, 197);  
box-shadow:4px 4px 4px 4px rgb(9, 230,  
197) }
```

Background

The CSS property to change the background color of an element to YUV 160.1590, 18.1626, -132.5664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 230, 197) }
```

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

```
.background{ background-color: rgb(9, 230,  
197) }
```

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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