

Converting Colors

YUV(150.3360, 16.5964,
-96.7647)

Have a look what the booklet for
YUV(150.3360, 16.5964, -96.7647)
contains.

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Color

**YUV(150.3360, 16.5964,
-96.7647)**

Conversions

Conversions Part 1

Format	Color
Hex	28C8B8
RGB	40, 200, 184
RGB Percent	16%, 78%, 72%
CMY	0.8431, 0.2157, 0.2784
CMYK	0.80, 0.00, 0.08, 0.22
HSL	174°, 67%, 47%
HSV	174°, 80%, 78%
XYZ	30.1811, 45.2204, 52.4851
YIQ	150.3360, -90.2240, -38.8960

Conversions

Conversions Part 2

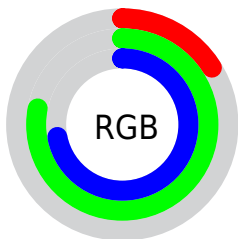
Format	Color
RYB	40, 124, 200
Decimal	2672824
CIELab	73.04, -42.66, -3.30
CIELCh	73, 42.791, 184.428
Yxy	45.2204, 0.2360, 0.3536
Android (android.graphics.Color)	4280862904 (0xFF28C8B8)
YUV	150.3360, 16.5964, -96.7647
Hunter-Lab	67.2461, -37.5671, 0.7968

Details

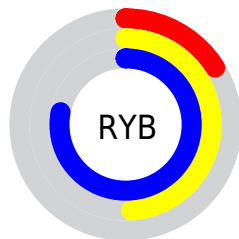
The YUV color **150.3360, 16.5964, -96.7647** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle muted spring green. A complement of this color would be **89.6640, -16.5964, 96.7647**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.4300, 14.0850, -84.5691**, and **100.0490, 15.2588, -87.7430** is the 20% darker color. If you saturate the color by 10%, you get **144.1280, 18.6709, -108.8603**, and if you desaturate by 10%, it is **156.5440, 14.5218, -84.6691**.

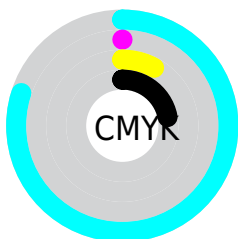
Distribution



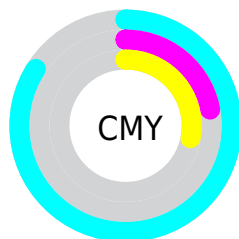
- Red (16%)
- Green (78%)
- Blue (72%)



- Red (16%)
- Yellow (49%)
- Blue (78%)



- Cyan (80%)
- Magenta (0%)
- Yellow (8%)
- Black (22%)



- Cyan (84%)
- Magenta (22%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YUV color 150.3360, 16.5964, -96.7647 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 150.3360, 16.5964, -96.7647 by changing the saturation by 10% instead.

■ 150.3360, 16.5964,
-96.7647

■ 150.3360, 16.5964,
-96.7647

■ 255.0000, 0.0000,
0.0000

■ 118.8620, 18.8020,
-104.2420

■ 211.4300, 14.0850,
-84.5691

■ 100.0490, 15.2588,
-87.7430

■ 222.4090, 16.0674,
-67.0107

■ 81.9370, 11.8631,
-71.8587

■ 231.6780, 11.4977,
-47.9526

■ 63.9390, 8.9041,
-56.0745

■ 240.9470, 6.9281,
-28.8945

■ 47.2290, 5.8031,
-41.4198

■ 249.9170, 2.5059,
-10.4512

■ 31.2200, 2.8495,
-27.3799

■ 13.0910, 1.9271,

-11.4808

■ 0.0000, 0.0000,
0.0000

■ 150.3360, 16.5964,
-96.7647

■ 150.3360, 16.5964,
-96.7647

■ 144.1280, 18.6709,
-108.8603

■ 156.5440, 14.5218,
-84.6691

■ 137.9200, 20.7454,
-120.9558

■ 162.7520, 12.4473,
-72.5735

■ 168.9600, 10.3727,
-60.4779

■ 175.1680, 8.2982,
-48.3823

■ 181.3760, 6.2236,
-36.2868

■ 187.5840, 4.1491,
-24.1912

■ 193.7920, 2.0745,
-12.0956

■ 200.0000, 0.0000,
0.0000

■ 206.2080, -2.0745,
12.0956

Harmonies

Analogous

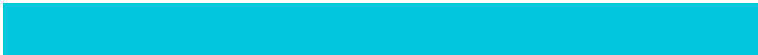
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



164.3470, -10.0311, -49.4163



150.3360, 16.5964, -96.7647



142.1210, 39.3803, -124.6401

Triad

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



150.3360, 16.5964, -96.7647



182.9540, 30.0957, 7.0563



178.6490, -34.3370, 46.7888

Complementary

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



150.3360, 16.5964, -96.7647



89.6640, -16.5964, 96.7647

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.



180.7770, -21.5821, 62.4626



150.3360, 16.5964, -96.7647



184.4610, 14.5627, 42.5687

Square

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



150.3360, 16.5964, -96.7647



174.1870, 39.8408, -38.7520



182.4730, -3.6842, 61.8522



175.9740, -37.4552, 20.1938

Rectangle

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



150.3360, 16.5964, -96.7647



142.0530, 49.2739, -124.5805



182.4730, -3.6842, 61.8522



179.6050, -30.8643, 52.9664

Sweetspot

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



150.3360, 16.5964, -96.7647



236.0770, 6.3710, -36.9015



138.7040, -48.6611, -72.5314



116.4810, 3.7069, -22.3468



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.



150.3360, 16.5964, -96.7647



179.0090, 25.6316, -148.2209



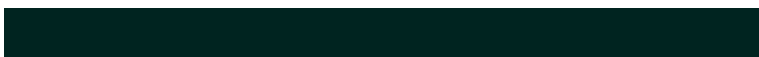
114.5920, 42.1061, -65.4172



96.1950, 0.8899, -5.4330



112.4390, 17.0386, -98.6090



24.7800, 3.5595, -21.7321

Inverse Universe

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



89.6640, -16.5964, 96.7647



86.1050, -25.1948, 148.1209



125.4080, -42.1061, 65.4172



92.6910, -1.3267, 5.5330



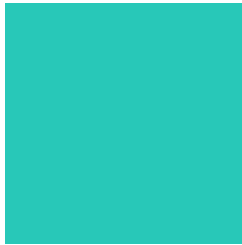
50.5610, -17.0386, 98.6090



11.2200, -3.5595, 21.7321

Previews

White Background



This preview shows how the YUV color 150.3360, 16.5964, -96.7647 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 150.3360, 16.5964, -96.7647 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

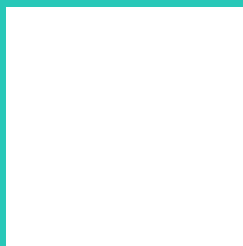
Any Text WCAG AAA ✓ Pass

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

YUV 150.3360, 16.5964, -96.7647 Background



This preview shows how black text looks on a background with the YUV color 150.3360, 16.5964, -96.7647.

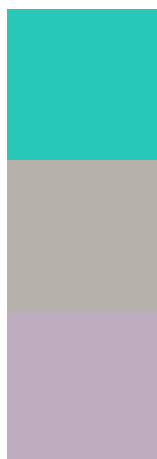


This preview shows how white text looks on a background with the YUV color 150.3360, 16.5964, -96.7647.

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

150.3360, 16.5964, -96.7647

Protanopia

178.1100, -3.5052, 4.2885

Deuteranopia

180.0210, 4.9196, 8.7516



Tritanopia

157.4590, 26.8887, -84.5945

Trichromacy



Original Color

150.3360, 16.5964, -96.7647



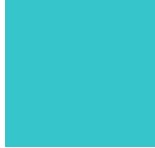
Protanomaly

167.8280, 4.0288, -32.2982



Deuteranomaly

169.2180, 9.2595, -30.0092



Tritanomaly

154.5140, 23.4106, -89.0278

Monochromacy



Original Color

150.3360, 16.5964, -96.7647



Achromatopsia

150.0000, 0.0000, 0.0000



Achromatomaly

149.9740, 5.9288, -35.0572

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.3360, 16.5964, -96.7647 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(40, 200, 184)` looks like.

```
.text, #text, p{  
    color:rgb(40, 200, 184)  
}
```

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(40, 200, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 200, 184) }
```

Border

The CSS property to change the border of an element to YUV 150.3360, 16.5964, -96.7647 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(40, 200, 184) }
```


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

```
.border{ border-color:rgb(40, 200, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 200, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 200, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 200, 184);  
box-shadow:4px 4px 4px 4px rgb(40, 200,  
184) }
```

Background

The CSS property to change the background color of an element to YUV 150.3360, 16.5964, -96.7647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 200, 184) }
```

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

```
.background{ background-color: rgb(40, 200,  
184) }
```

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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