

Converting Colors

YUV(140.6560, 31.2286,
-123.3553)

Have a look what the booklet for
YUV(140.6560, 31.2286, -123.3553)
contains.

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Color

**YUV(140.6560, 31.2286,
-123.3553)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 00C8CC |
| RGB | 0, 200, 204 |
| RGB Percent | 0%, 78%, 80% |
| CMY | 1.0000, 0.2157, 0.2000 |
| CMYK | 1.00, 0.02, 0.00, 0.20 |
| HSL | 181°, 100%, 40% |
| HSV | 181°, 100%, 80% |
| XYZ | 31.5534, 45.6682, 64.2785 |
| YIQ | 140.6560, -120.4840, -41.1560 |

Conversions

Conversions Part 2

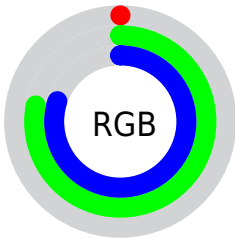
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 0, 101, 204 |
| Decimal | 51404 |
| CIELab | 73.33, -38.83, -13.76 |
| CIELCh | 73, 41.198, 199.512 |
| Yxy | 45.6682, 0.2230, 0.3227 |
| Android (android.graphics.Color) | 4278241484 (0xFF00C8CC) |
| YUV | 140.6560, 31.2286, -123.3553 |
| Hunter-Lab | 67.5782, -34.9174, -9.0902 |

Details

The YUV color **140.6560, 31.2286, -123.3553** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **63.3440, -31.2286, 123.3553**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.4490, 21.9636, -91.6018**, and **102.2150, 23.5580, -89.6426** is the 20% darker color. If you saturate the color by 10%, you get **140.6560, 31.2286, -123.3553**, and if you desaturate by 10%, it is **146.6360, 28.2805, -111.0598**.

Distribution



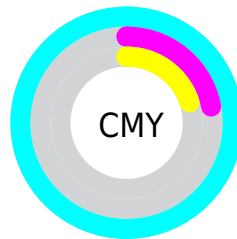
- Red (0%)
- Green (78%)
- Blue (80%)



- Red (0%)
- Yellow (40%)
- Blue (80%)



- Cyan (100%)
- Magenta (2%)
- Yellow (0%)
- Black (20%)



- Cyan (100%)
- Magenta (22%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 140.6560, 31.2286, -123.3553 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 140.6560, 31.2286, -123.3553 by changing the saturation by 10% instead.

■ 140.6560, 31.2286,
-123.3553

■ 140.6560, 31.2286,
-123.3553

■ 255.0000, 0.0000,
0.0000

■ 121.1420, 27.5380,
-106.2415

■ 210.4490, 21.9636,
-91.6018

■ 102.2150, 23.5580,
-89.6426

■ 220.3160, 17.0992,
-71.3141

■ 83.9890, 19.7254,
-73.6584

■ 229.8840, 12.3822,
-51.6413

■ 66.4640, 16.0402,
-58.2889

■ 239.1530, 7.8126,
-32.5832

■ 49.0530, 12.7919,
-43.0195

■ 248.4220, 3.2430,
-13.5251

■ 33.0440, 9.8383,
-28.9796

■ 15.9750, 7.9003,

-14.0101

■ 0.6840, 2.6208,
-0.5999

■ 0.0000, 0.0000,
0.0000

■ 140.6560, 31.2286,
-123.3553

■ 146.6360, 28.2805,
-111.0598

■ 153.5020, 24.8955,
-98.6643

■ 159.4820, 21.9474,
-86.3687

■ 166.3480, 18.5624,
-73.9732

■ 172.3280, 15.6143,
-61.6777

■ 178.3080, 12.6662,
-49.3821

■ 185.1740, 9.2812,
-36.9866

■ 191.1540, 6.3331,
-24.6911

■ 198.0200, 2.9481,
-12.2955

Harmonies

Analogous

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



161.3370, 1.8059, -66.0705



140.6560, 31.2286, -123.3553



141.9560, 46.3637, -124.4954

Triad

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



140.6560, 31.2286, -123.3553



184.5990, 21.8897, 25.7847



178.2190, -35.6040, 33.1339

Complementary

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



140.6560, 31.2286, -123.3553



63.3440, -31.2286, 123.3553

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.



180.7130, -27.9595, 54.6257



140.6560, 31.2286, -123.3553



184.7090, 5.0735, 52.8752

Square

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



140.6560, 31.2286, -123.3553



180.6740, 34.6707, -13.7461



182.4810, -12.5621, 62.7222



175.2000, -33.6226, 4.2096

Rectangle

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



140.6560, 31.2286, -123.3553



162.4440, 43.1651, -78.4424



182.4810, -12.5621, 62.7222



179.3170, -34.1733, 40.9410

Sweetspot

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



140.6560, 31.2286, -123.3553



231.6890, 11.4923, -46.2083



120.0900, -57.7254, -105.3189



113.6590, 7.0701, -27.7649



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.



140.6560, 31.2286, -123.3553



175.8200, 39.0357, -154.1941



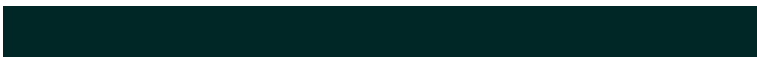
81.3690, 60.4571, -71.3606



99.0100, 1.4741, -6.1478



114.6050, 25.3377, -100.5086



26.6380, 5.6015, -23.3615

Inverse Universe

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



83.7960, 57.2886, 105.4189



104.7450, 71.6107, 131.7736



122.6310, -60.4571, 71.3606



96.1300, 2.8939, 5.1480



68.2160, 46.7285, 85.7566



15.6940, 10.9969, 19.5624

Previews

White Background



This preview shows how the YUV color 140.6560, 31.2286, -123.3553 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 140.6560, 31.2286, -123.3553 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

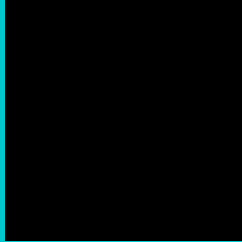
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

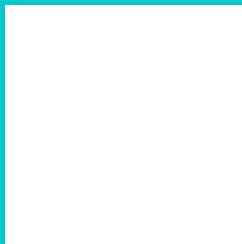
Any Text WCAG AAA ✓ Pass

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

YUV 140.6560, 31.2286, -123.3553 Background



This preview shows how black text looks on a background with the YUV color 140.6560, 31.2286, -123.3553.

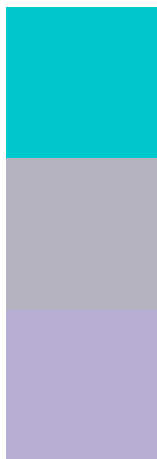


This preview shows how white text looks on a background with the YUV color 140.6560, 31.2286, -123.3553.

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

140.6560, 31.2286, -123.3553

Protanopia

179.6670, 5.0942, -0.5850

Deuteranopia

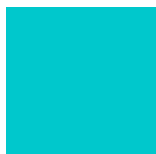
180.1970, 14.6929, 0.7042



Tritanopia

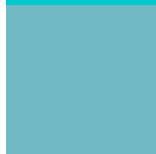
150.3040, 31.8951, -103.7526

Trichromacy



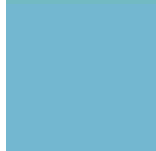
Original Color

140.6560, 31.2286, -123.3553



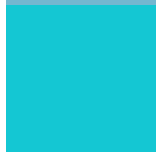
Protanomaly

165.4980, 14.5445, -45.1637



Deuteranomaly

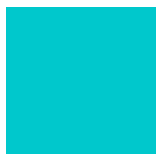
165.5180, 20.9436, -44.3043



Tritanomaly

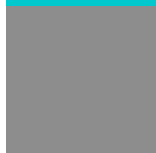
146.8470, 31.6274, -111.2448

Monochromacy



Original Color

140.6560, 31.2286, -123.3553



Achromatopsia

141.0000, 0.0000, 0.0000



Achromatomaly

140.7000, 11.4869, -44.4639

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.6560, 31.2286, -123.3553 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(0, 200, 204)` looks like.

```
.text, #text, p{  
    color:rgb(0, 200, 204)  
}
```

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(0, 200, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 200, 204) }
```

Border

The CSS property to change the border of an element to YUV 140.6560, 31.2286, -123.3553 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(0, 200, 204) }
```


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

```
.border{ border-color:rgb(0, 200, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 200, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 200, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 200, 204);  
box-shadow:4px 4px 4px 4px rgb(0, 200,  
204) }
```

Background

The CSS property to change the background color of an element to YUV 140.6560, 31.2286, -123.3553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 200, 204) }
```

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

```
.background{ background-color: rgb(0, 200,  
204) }
```

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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