

Converting Colors

YUV(140.5080, 35.7386,
-123.2255)

Have a look what the booklet for
YUV(140.5080, 35.7386, -123.2255)
contains.

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Color

**YUV(140.5080, 35.7386,
-123.2255)**

Conversions

Conversions Part 1

Format	Color
Hex	00C6D5
RGB	0, 198, 213
RGB Percent	0%, 78%, 84%
CMY	1.0000, 0.2235, 0.1647
CMYK	1.00, 0.07, 0.00, 0.16
HSL	184°, 100%, 42%
HSV	184°, 100%, 84%
XYZ	32.2043, 45.1923, 69.9764
YIQ	140.5080, -122.8230, -37.3110

Conversions

Conversions Part 2

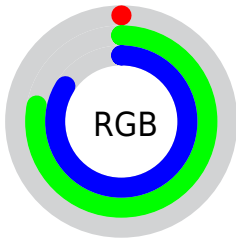
Format	Color
RYB	0, 103, 213
Decimal	50901
CIELab	73.02, -35.13, -19.11
CIELCh	73, 39.990, 208.554
Yxy	45.1923, 0.2185, 0.3067
Android (android.graphics.Color)	4278240981 (0xFF00C6D5)
YUV	140.5080, 35.7386, -123.2255
Hunter-Lab	67.2252, -32.1334, -14.6588

Details

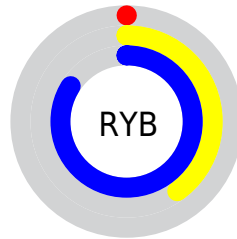
The YUV color **140.5080, 35.7386, -123.2255** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **72.4920, -35.7386, 123.2255**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.7480, 21.8162, -90.9870**, and **102.5400, 27.3418, -89.9276** is the 20% darker color. If you saturate the color by 10%, you get **140.5080, 35.7386, -123.2255**, and if you desaturate by 10%, it is **147.3740, 32.3536, -110.8300**.

Distribution



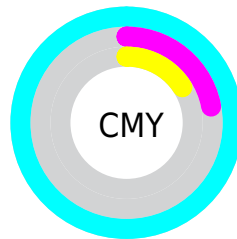
- Red (0%)
- Green (78%)
- Blue (84%)



- Red (0%)
- Yellow (40%)
- Blue (84%)



- Cyan (100%)
- Magenta (7%)
- Yellow (0%)
- Black (16%)



- Cyan (100%)
- Magenta (22%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 140.5080, 35.7386, -123.2255 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 140.5080, 35.7386, -123.2255 by changing the saturation by 10% instead.

■ 140.5080, 35.7386,
-123.2255

■ 140.5080, 35.7386,
-123.2255

■ 255.0000, 0.0000,
0.0000

■ 120.8800, 31.6112,
-106.0118

■ 210.7480, 21.8162,
-90.9870

■ 102.5400, 27.3418,
-89.9276

■ 220.6150, 16.9518,
-70.6994

■ 83.7270, 23.7986,
-73.4286

■ 230.1830, 12.2348,
-51.0265

■ 66.2020, 20.1134,
-58.0592

■ 239.7510, 7.5178,
-31.3536

■ 49.3780, 16.5756,
-43.3045

■ 249.0200, 2.9481,
-12.2955

■ 33.2550, 13.1853,
-29.1646

■ 16.0720, 10.8105,

-14.0951

■ 2.4110, 6.6994,
-2.1144

■ 0.0000, 0.0000,
0.0000

■ 140.5080, 35.7386,
-123.2255

■ 147.3740, 32.3536,
-110.8300

■ 155.1260, 28.5319,
-98.3345

■ 161.9920, 25.1469,
-85.9390

■ 169.4450, 21.4726,
-74.0583

■ 176.6100, 17.9403,
-61.0480

■ 184.0630, 14.2659,
-49.1673

■ 191.5160, 10.5916,
-37.2865

■ 198.3820, 7.2067,
-24.8910

■ 206.1340, 3.3849,
-12.3955

Harmonies

Analogous

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



158.4050, 8.6743, -75.7772



140.5080, 35.7386, -123.2255



156.3130, 41.7507, -91.4825

Triad

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



140.5080, 35.7386, -123.2255



184.5740, 16.4790, 34.5766



176.5770, -35.2875, 24.9270

Complementary

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



140.5080, 35.7386, -123.2255



72.4920, -35.7386, 123.2255

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.



179.6860, -30.4112, 47.6334



140.5080, 35.7386, -123.2255



183.2380, -0.6103, 55.9193

Square

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



140.5080, 35.7386, -123.2255



181.7250, 30.7016, -0.6358



180.9060, -17.2087, 59.7184



173.2850, -29.2275, -5.5119

Rectangle

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



140.5080, 35.7386, -123.2255



168.1690, 40.3427, -59.7842



180.9060, -17.2087, 59.7184



177.7460, -34.8778, 33.5488

Sweetspot

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



140.5080, 35.7386, -123.2255



229.3410, 12.6499, -44.1491



126.6270, -55.5251, -111.0519



111.8980, 7.9383, -26.2205



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.



140.5080, 35.7386, -123.2255



168.1890, 42.7978, -147.5018



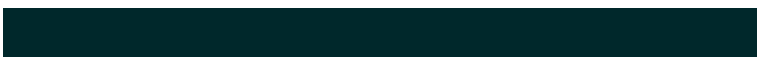
78.2860, 66.4140, -68.6568



103.1240, 1.9109, -6.2477



112.8270, 28.6793, -98.9493



28.3820, 7.2067, -24.8910

Inverse Universe

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



86.2590, 55.0883, 111.1519



103.2630, 65.9323, 133.0733



134.7140, -66.4140, 68.6568



100.4290, 2.7465, 5.7628



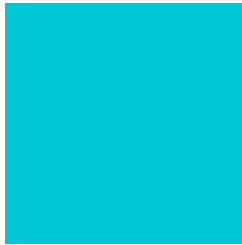
69.2550, 44.2443, 89.2304



17.4170, 11.1334, 22.4363

Previews

White Background



This preview shows how the YUV color 140.5080, 35.7386, -123.2255 looks on a white background.

Color Contrast Check

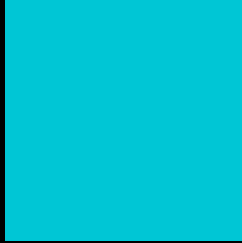
Large Text (above 18pt) WCAG AA × Fail

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 140.5080, 35.7386, -123.2255 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

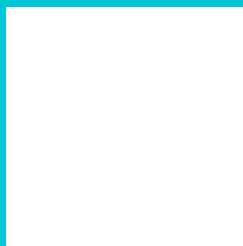
Any Text WCAG AAA ✓ Pass

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

YUV 140.5080, 35.7386, -123.2255 Background



This preview shows how black text looks on a background with the YUV color 140.5080, 35.7386, -123.2255.



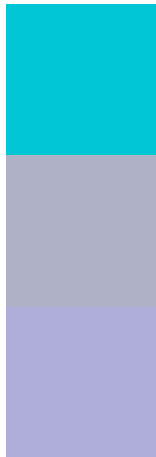
This preview shows how white text looks on a background with the YUV color 140.5080, 35.7386, -123.2255.

-123.2255.

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

140.5080, 35.7386, -123.2255

Protanopia

178.9100, 9.9044, -3.4291

Deuteranopia

179.3150, 19.0717, -3.7843



Tritanopia

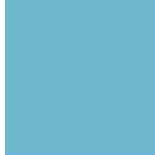
143.9110, 34.5539, -116.5629

Trichromacy



Original Color

140.5080, 35.7386, -123.2255



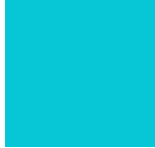
Protanomaly

165.0400, 19.2073, -47.3931



Deuteranomaly

165.2340, 25.0276, -47.5632



Tritanomaly

142.7150, 35.1435, -119.0221

Monochromacy



Original Color

140.5080, 35.7386, -123.2255



Achromatopsia

141.0000, 0.0000, 0.0000



Achromatomaly

141.0420, 12.7973, -44.7638

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.5080, 35.7386, -123.2255 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, 198, 213)` looks like.

```
.text, #text, p{  
    color:rgb(0, 198, 213)  
}
```

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, 198, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 198, 213) }
```

Border

The CSS property to change the border of an element to YUV 140.5080, 35.7386, -123.2255 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, 198, 213) }
```


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

```
.border{ border-color:rgb(0, 198, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 198, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 198, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 198, 213);  
box-shadow:4px 4px 4px 4px rgb(0, 198,  
213) }
```

Background

The CSS property to change the background color of an element to YUV 140.5080, 35.7386, -123.2255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 198, 213) }
```

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

```
.background{ background-color: rgb(0, 198,  
213) }
```

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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