

Converting Colors

YUV(155.8800, 31.6112,
-106.0118)

Have a look what the booklet for
YUV(155.8800, 31.6112, -106.0118)
contains.

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Color

**YUV(155.8800, 31.6112,
-106.0118)**

Conversions

Conversions Part 1

Format	Color
Hex	23CDDC
RGB	35, 205, 220
RGB Percent	14%, 80%, 86%
CMY	0.8627, 0.1961, 0.1373
CMYK	0.84, 0.07, 0.00, 0.14
HSL	185°, 73%, 50%
HSV	185°, 84%, 86%
XYZ	35.4427, 49.1873, 75.3362
YIQ	155.8800, -106.1350, -31.3750

Conversions

Conversions Part 2

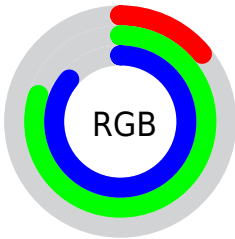
Format	Color
RYB	35, 124, 220
Decimal	2346460
CIELab	75.57, -34.80, -19.02
CIELCh	76, 39.659, 208.655
Yxy	49.1873, 0.2216, 0.3075
Android (android.graphics.Color)	4280536540 (0xFF23CDDC)
YUV	155.8800, 31.6112, -106.0118
Hunter-Lab	70.1336, -32.5271, -14.5946

Details

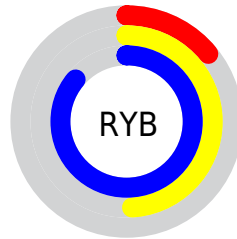
The YUV color **155.8800, 31.6112, -106.0118** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **99.1200, -31.6112, 106.0118**, and the grayscale version is **156.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.7380, 20.3422, -84.8392**, and **106.8600, 28.6630, -93.7162** is the 20% darker color. If you saturate the color by 10%, you get **148.1280, 35.4329, -118.5073**, and if you desaturate by 10%, it is **163.6320, 27.7894, -93.5163**.

Distribution



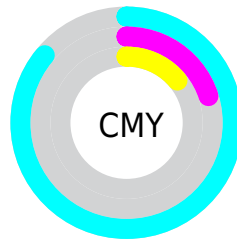
- Red (14%)
- Green (80%)
- Blue (86%)



- Red (14%)
- Yellow (49%)
- Blue (86%)



- Cyan (84%)
- Magenta (7%)
- Yellow (0%)
- Black (14%)



- Cyan (86%)
- Magenta (20%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 155.8800, 31.6112, -106.0118 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 155.8800, 31.6112, -106.0118 by changing the saturation by 10% instead.

155.8800, 31.6112,
-106.0118

155.8800, 31.6112,
-106.0118

255.0000, 0.0000,
0.0000

125.7870, 32.6430,
-110.3152

213.7380, 20.3422,
-84.8392

106.8600, 28.6630,
-93.7162

223.6050, 15.4777,
-64.5516

88.6340, 24.8304,
-77.7320

233.1730, 10.7607,
-44.8787

70.4080, 20.9979,
-61.7478

242.4420, 6.1911,
-25.8206

53.5840, 17.4601,
-46.9932

251.7110, 1.6215,
-6.7625

36.7600, 13.9223,
-32.2385

21.9250, 10.3900,

-19.2282

■ 3.2090, 9.7570,
-2.8143

■ 0.0000, 0.0000,
0.0000

■ 155.8800, 31.6112,
-106.0118

■ 155.8800, 31.6112,
-106.0118

■ 148.1280, 35.4329,
-118.5073

■ 163.6320, 27.7894,
-93.5163

■ 143.6540, 37.6386,
-125.9846

■ 171.3840, 23.9677,
-81.0208

■ 178.5490, 20.4353,
-68.0105

■ 186.3010, 16.6136,
-55.5150

■ 194.0530, 12.7919,
-43.0195

■ 201.8050, 8.9701,
-30.5240

■ 208.9700, 5.4378,
-17.5137

■ 216.7220, 1.6161,
-5.0182

■ 224.4740, -2.2057,
7.4773

Harmonies

Analogous

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



166.3020, 8.2321, -73.9329



155.8800, 31.6112, -106.0118



165.4060, 40.7188, -87.1791

Triad

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



155.8800, 31.6112, -106.0118



191.5740, 16.4790, 34.5766



183.6910, -34.8507, 24.8270

Complementary

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



155.8800, 31.6112, -106.0118



99.1200, -31.6112, 106.0118

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.



186.6860, -30.4112, 47.6334



155.8800, 31.6112, -106.0118



190.2380, -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.



155.8800, 31.6112, -106.0118



188.6110, 30.2648, -0.5358



188.1940, -17.3506, 58.5889



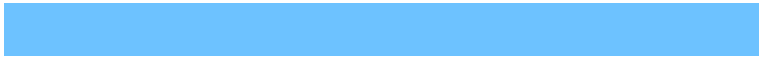
179.6980, -28.9381, -4.9971

Rectangle

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



155.8800, 31.6112, -106.0118



175.5390, 39.1743, -58.3547



188.1940, -17.3506, 58.5889



184.7460, -34.8778, 33.5488

Sweetspot

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



155.8800, 31.6112, -106.0118



232.9290, 10.8810, -36.7717



144.9630, -48.2958, -96.4376



113.9910, 6.9064, -21.9171



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.



155.8800, 31.6112, -106.0118



166.4280, 43.6660, -145.9574



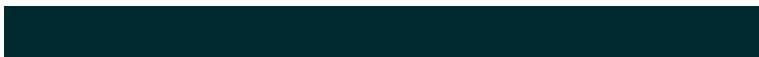
103.0500, 57.6564, -59.6798



106.1240, 1.9109, -6.2477



113.0550, 29.5529, -99.1492



29.8980, 7.9383, -26.2205

Inverse Universe

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



109.6950, 46.9854, 96.7375



102.9210, 64.6219, 133.3733



151.9500, -57.6563, 59.6799



103.4290, 2.7465, 5.7628



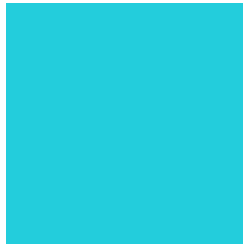
69.8530, 43.9495, 90.4599



18.5420, 11.5648, 24.0807

Previews

White Background



This preview shows how the YUV color 155.8800, 31.6112, -106.0118 looks on a white background.

Color Contrast Check

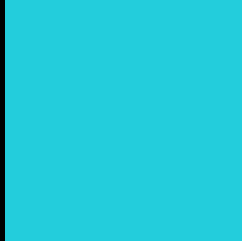
Large Text (above 18pt) WCAG AA × Fail

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 155.8800, 31.6112, -106.0118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

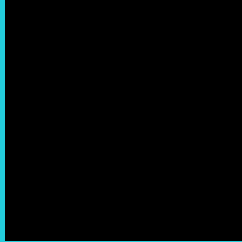
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

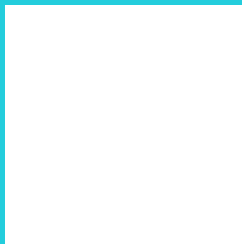
Any Text WCAG AAA ✓ Pass

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

YUV 155.8800, 31.6112, -106.0118 Background



This preview shows how black text looks on a background with the YUV color 155.8800, 31.6112, -106.0118.



This preview shows how white text looks on a background with the YUV color 155.8800, 31.6112, -106.0118.

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

155.8800, 31.6112, -106.0118

Protanopia

185.3230, 10.1938, -2.9143

Deuteranopia

186.3150, 19.0717, -3.7843



Tritanopia

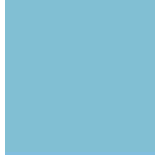
156.5920, 31.7531, -104.8822

Trichromacy



Original Color

155.8800, 31.6112, -106.0118



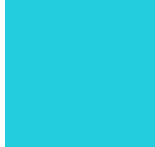
Protanomaly

174.7420, 17.8752, -40.1157



Deuteranomaly

175.5230, 23.4062, -40.8007



Tritanomaly

156.2930, 31.9006, -105.4970

Monochromacy



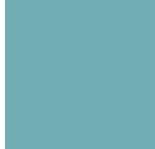
Original Color

155.8800, 31.6112, -106.0118



Achromatopsia

156.0000, 0.0000, 0.0000



Achromatomaly

156.0320, 11.3232, -38.6161

CSS Examples

Text

The CSS property to change the color of the text to YUV 155.8800, 31.6112, -106.0118 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(35, 205, 220)` looks like.

```
.text, #text, p{  
    color:rgb(35, 205, 220)  
}
```

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(35, 205, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 205, 220) }
```

Border

The CSS property to change the border of an element to YUV 155.8800, 31.6112, -106.0118 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(35, 205, 220) }
```


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

```
.border{ border-color:rgb(35, 205, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 205, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 205, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 205, 220);  
box-shadow:4px 4px 4px 4px rgb(35, 205,  
220) }
```

Background

The CSS property to change the background color of an element to YUV 155.8800, 31.6112, -106.0118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 205, 220) }
```

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

```
.background{ background-color: rgb(35, 205,  
220) }
```

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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