

Converting Colors

YUV(147.1120, 23.1158,
-87.7982)

Have a look what the booklet for
YUV(147.1120, 23.1158, -87.7982)
contains.

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Color

**YUV(147.1120, 23.1158,
-87.7982)**

Conversions

Conversions Part 1

Format	Color
Hex	2FBDC2
RGB	47, 189, 194
RGB Percent	18%, 74%, 76%
CMY	0.8157, 0.2588, 0.2392
CMYK	0.76, 0.03, 0.00, 0.24
HSL	182°, 61%, 47%
HSV	182°, 76%, 76%
XYZ	29.1075, 40.8946, 57.3983
YIQ	147.1120, -86.2370, -28.5490

Conversions

Conversions Part 2

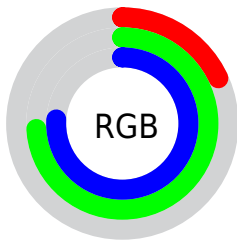
Format	Color
RYB	47, 119, 194
Decimal	3128770
CIELab	70.10, -34.11, -13.11
CIElCh	70, 36.540, 201.028
Yxy	40.8946, 0.2285, 0.3210
Android (android.graphics.Color)	4281318850 (0xFF2FBDC2)
YUV	147.1120, 23.1158, -87.7982
Hunter-Lab	63.9489, -30.6630, -8.4524

Details

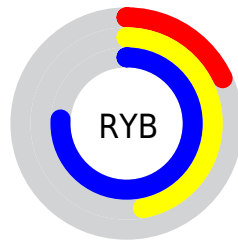
The YUV color **147.1120, 23.1158, -87.7982** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle muted azure. A complement of this color would be **93.8880, -23.1158, 87.7982**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.1840, 20.6153, -79.0914**, and **95.2050, 22.0839, -83.4948** is the 20% darker color. If you saturate the color by 10%, you get **140.8440, 26.2059, -98.9642**, and if you desaturate by 10%, it is **153.3800, 20.0257, -76.6323**.

Distribution



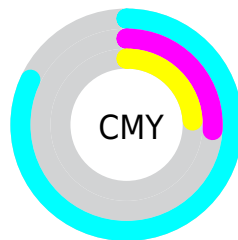
- Red (18%)
- Green (74%)
- Blue (76%)



- Red (18%)
- Yellow (47%)
- Blue (76%)



- Cyan (76%)
- Magenta (3%)
- Yellow (0%)
- Black (24%)



- Cyan (82%)
- Magenta (26%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 147.1120, 23.1158, -87.7982 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 147.1120, 23.1158, -87.7982 by changing the saturation by 10% instead.

■ 147.1120, 23.1158,
-87.7982

■ 147.1120, 23.1158,
-87.7982

■ 255.0000, 0.0000,
0.0000

■ 114.1320, 26.0639,
-100.0938

■ 208.1840, 20.6153,
-79.0914

■ 95.2050, 22.0839,
-83.4948

■ 223.3060, 15.6251,
-65.1664

■ 77.0930, 18.6882,
-67.6106

■ 232.2760, 11.2029,
-46.7231

■ 59.5680, 15.0030,
-52.2411

■ 241.5450, 6.6333,
-27.6650

■ 42.8580, 11.9020,
-37.5865

■ 250.5150, 2.2111,
-9.2217

■ 28.0230, 8.3697,
-24.5762

■ 4.0240, 10.3412,

-3.5290

■ 0.0000, 0.0000,
0.0000

■ 147.1120, 23.1158,
-87.7982

■ 147.1120, 23.1158,
-87.7982

■ 140.8440, 26.2059,
-98.9642

■ 153.3800, 20.0257,
-76.6323

■ 134.8640, 29.1540,
-111.2597

■ 159.3600, 17.0775,
-64.3367

■ 131.8850, 30.6227,
-115.6631

■ 165.6280, 13.9874,
-53.1708

■ 172.1950, 10.7499,
-41.3900

■ 177.8760, 7.9491,
-29.7093

■ 184.1440, 4.8590,
-18.5433

■ 190.7110, 1.6215,
-6.7625

■ 196.3920, -1.1793,
4.9182

■ 202.9590, -4.4168,
16.6990

Harmonies

Analogous

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



155.7940, 2.0736, -58.5783



147.1120, 23.1158, -87.7982



149.7500, 35.6193, -84.8498

Triad

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



147.1120, 23.1158, -87.7982



176.2630, 18.1113, 24.3253



169.9240, -31.5145, 28.1307

Complementary

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



147.1120, 23.1158, -87.7982



93.8880, -23.1158, 87.7982

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.



172.3530, -25.3170, 47.0484



147.1120, 23.1158, -87.7982



175.6220, 3.6374, 46.8125

Square

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



147.1120, 23.1158, -87.7982



172.1430, 30.0025, -9.7724



174.1380, -12.3930, 55.1300



167.0410, -29.1072, 2.5950

Rectangle

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



147.1120, 23.1158, -87.7982



159.1210, 36.4223, -62.3731



174.1380, -12.3930, 55.1300



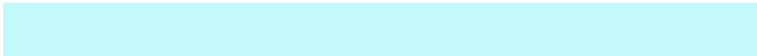
170.9080, -30.5206, 36.0377

Sweetspot

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



147.1120, 23.1158, -87.7982



233.4840, 9.1284, -34.6275



133.8590, -40.3565, -76.1753



116.0620, 5.8854, -21.1024



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.



147.1120, 23.1158, -87.7982



179.4200, 35.7819, -137.1803



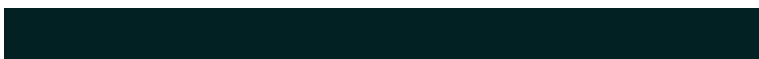
104.2610, 44.2413, -50.2179



94.0100, 1.4741, -6.1478



109.3390, 25.4689, -95.8903



22.5460, 5.1538, -19.7728

Inverse Universe

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



107.1410, 40.3565, 76.1753



116.7790, 63.2130, 118.5888



136.7390, -44.2413, 50.2179



91.1300, 2.8939, 5.1480



65.8090, 43.9712, 83.4825



13.5150, 9.1131, 17.0883

Previews

White Background



This preview shows how the YUV color 147.1120, 23.1158, -87.7982 looks on a white background.

Color Contrast Check

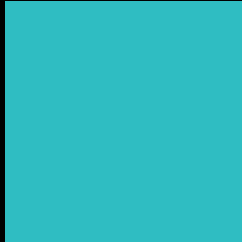
Large Text (above 18pt) WCAG AA × Fail

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 147.1120, 23.1158, -87.7982 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

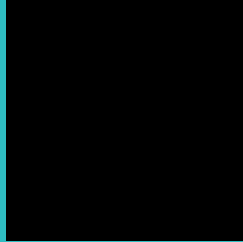
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

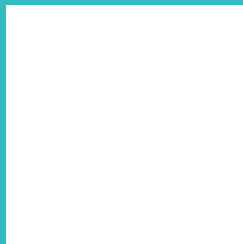
Any Text WCAG AAA ✓ Pass

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

YUV 147.1120, 23.1158, -87.7982 Background



This preview shows how black text looks on a background with the YUV color 147.1120, 23.1158, -87.7982.

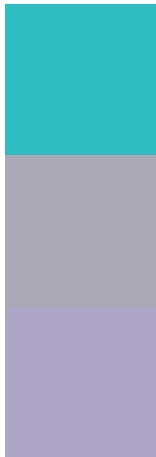


This preview shows how white text looks on a background with the YUV color 147.1120, 23.1158,

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

147.1120, 23.1158, -87.7982

Protanopia

170.6670, 5.0942, -0.5850

Deuteranopia

171.8550, 13.3825, 1.0042



Tritanopia

149.6440, 26.3045, -83.8798

Trichromacy



Original Color

147.1120, 23.1158, -87.7982

Protanomaly

161.8910, 11.8857, -32.3534

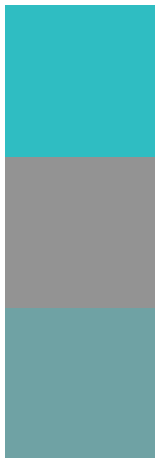
Deuteranomaly

162.5690, 16.9745, -31.1940

Tritanomaly

148.4050, 25.4363, -85.4242

Monochromacy



Original Color

147.1120, 23.1158, -87.7982

Achromatopsia

147.0000, 0.0000, 0.0000

Achromatomaly

146.9790, 8.3914, -31.5536

CSS Examples

Text

The CSS property to change the color of the text to YUV 147.1120, 23.1158, -87.7982 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(47, 189, 194)` looks like.

```
.text, #text, p{  
    color:rgb(47, 189, 194)  
}
```

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(47, 189, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 189, 194) }
```

Border

The CSS property to change the border of an element to YUV 147.1120, 23.1158, -87.7982 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(47, 189, 194) }
```


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

```
.border{ border-color:rgb(47, 189, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 189, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 189, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 189, 194);  
box-shadow:4px 4px 4px 4px rgb(47, 189,  
194) }
```

Background

The CSS property to change the background color of an element to YUV 147.1120, 23.1158, -87.7982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 189, 194) }
```

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

```
.background{ background-color: rgb(47, 189,  
194) }
```

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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