

Converting Colors

YUV(164.2980, 27.4611,
-128.3033)

Have a look what the booklet for
YUV(164.2980, 27.4611, -128.3033)
contains.

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Color

**YUV(164.2980, 27.4611,
-128.3033)**

Conversions

Conversions Part 1

Format	Color
Hex	12E4DC
RGB	18, 228, 220
RGB Percent	7%, 89%, 86%
CMY	0.9294, 0.1059, 0.1373
CMYK	0.92, 0.00, 0.04, 0.11
HSL	178°, 85%, 48%
HSV	178°, 92%, 89%
XYZ	40.9111, 60.7827, 77.2861
YIQ	164.2980, -122.5920, -47.0080

Conversions

Conversions Part 2

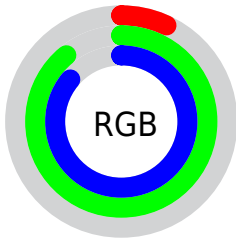
Format	Color
RYB	18, 125, 228
Decimal	1238236
CIELab	82.26, -46.02, -8.99
CIELCh	82, 46.894, 191.052
Yxy	60.7827, 0.2286, 0.3396
Android (android.graphics.Color)	4279428316 (0xFF12E4DC)
YUV	164.2980, 27.4611, -128.3033
Hunter-Lab	77.9633, -42.7681, -4.2008

Details

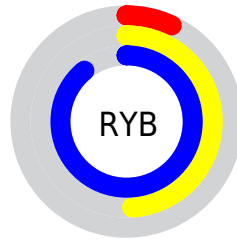
The YUV color **164.2980, 27.4611, -128.3033** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **81.7020, -27.4611, 128.3033**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.4390, 20.4896, -85.4540**, and **119.7740, 22.2964, -105.0418** is the 20% darker color. If you saturate the color by 10%, you get **158.8020, 29.6776, -139.2694**, and if you desaturate by 10%, it is **171.2890, 24.5075, -114.2635**.

Distribution



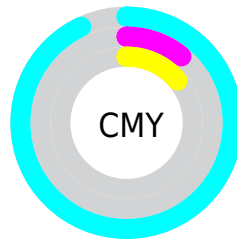
- Red (7%)
- Green (89%)
- Blue (86%)



- Red (7%)
- Yellow (49%)
- Blue (89%)



- Cyan (92%)
- Magenta (0%)
- Yellow (4%)
- Black (11%)



- Cyan (93%)
- Magenta (11%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.2980, 27.4611, -128.3033 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 164.2980, 27.4611, -128.3033 by changing the saturation by 10% instead.

164.2980, 27.4611,
-128.3033

164.2980, 27.4611,
-128.3033

255.0000, 0.0000,
0.0000

139.2880, 25.9870,
-122.1556

213.4390, 20.4896,
-85.4540

119.7740, 22.2964,
-105.0418

223.6050, 15.4777,
-64.5516

100.9610, 18.7532,
-88.5428

233.1730, 10.7607,
-44.8787

82.1480, 15.2100,
-72.0438

242.7410, 6.0437,
-25.2059

64.1500, 12.2510,
-56.2596

252.3090, 1.3267,
-5.5330

47.4400, 9.1501,
-41.6049

31.4310, 6.1965,

-27.5650

■ 12.1280, 5.8529,
-10.6363

■ 0.0000, 0.0000,
0.0000

■ 164.2980, 27.4611,
-128.3033

■ 164.2980, 27.4611,
-128.3033

■ 158.8020, 29.6776,
-139.2694

■ 171.2890, 24.5075,
-114.2635

■ 178.2800, 21.5540,
-100.2236

■ 184.9720, 18.7478,
-86.7984

■ 191.8490, 15.3574,
-72.6586

■ 198.8400, 12.4039,
-58.6187

■ 205.8310, 9.4503,
-44.5788

■ 212.8220, 6.4968,
-30.5389

■ 219.5140, 3.6906,
-17.1138

■ 226.5050, 0.7370,
-3.0739

Harmonies

Analogous

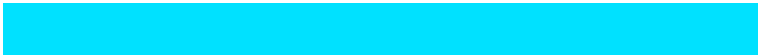
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



185.8010, -5.3249, -65.6005



164.2980, 27.4611, -128.3033



161.1450, 46.2705, -141.3242

Triad

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



164.2980, 27.4611, -128.3033



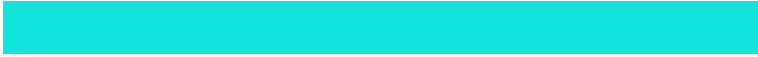
207.6090, 23.3638, 19.6369



202.8570, -39.8625, 45.7294

Complementary

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



164.2980, 27.4611, -128.3033



81.7020, -27.4611, 128.3033

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.



197.7170, -24.0175, 50.2372



164.2980, 27.4611, -128.3033



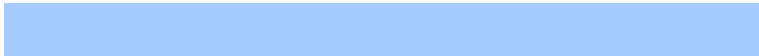
205.0590, 14.2679, 43.7983

Square

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



164.2980, 27.4611, -128.3033



197.8650, 28.1676, -27.9456



197.6950, -3.7936, 50.2565



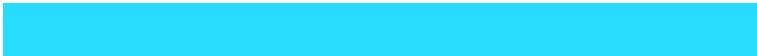
199.7300, -40.7859, 15.1458

Rectangle

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



164.2980, 27.4611, -128.3033



169.8710, 41.9686, -114.7739



197.6950, -3.7936, 50.2565



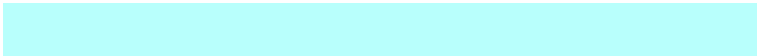
200.7200, -35.3580, 47.6036

Sweetspot

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



164.2980, 27.4611, -128.3033



233.4290, 9.1555, -43.3492



144.2600, -62.2462, -101.9600



114.6160, 5.6123, -26.8502



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.



164.2980, 27.4611, -128.3033



177.6150, 33.2208, -155.7684



110.0320, 58.1582, -80.7121



111.2980, 1.3321, -7.2773



124.6810, 23.3283, -109.3452



35.5230, 6.6442, -31.1537

Inverse Universe

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



81.7020, -27.4611, 128.3033



77.3850, -33.2208, 155.7684



135.9680, -58.1582, 80.7121



106.7020, -1.3321, 7.2773



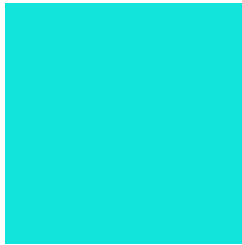
54.3190, -23.3283, 109.3452



15.4770, -6.6442, 31.1537

Previews

White Background



This preview shows how the YUV color 164.2980, 27.4611, -128.3033 looks on a white background.

Color Contrast Check

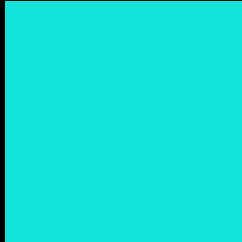
Large Text (above 18pt) WCAG AA × Fail

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 164.2980, 27.4611, -128.3033 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

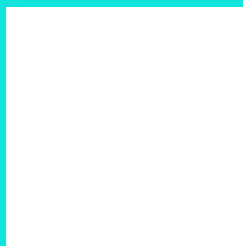
Any Text WCAG AAA ✓ Pass

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

YUV 164.2980, 27.4611, -128.3033 Background



This preview shows how black text looks on a background with the YUV color 164.2980, 27.4611, -128.3033.

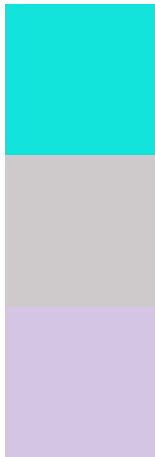


This preview shows how white text looks on a background with the YUV color 164.2980, 27.4611, -128.3033.

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

164.2980, 27.4611, -128.3033

Protanopia

203.4240, 0.2840, 2.2592

Deuteranopia

204.6060, 11.0402, 5.6075



Tritanopia

175.0260, 33.5112, -108.7708

Trichromacy



Original Color

164.2980, 27.4611, -128.3033



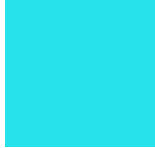
Protanomaly

189.0590, 10.3239, -44.7787



Deuteranomaly

189.7910, 16.8650, -42.7897



Tritanomaly

171.1130, 31.4963, -115.8631

Monochromacy



Original Color

164.2980, 27.4611, -128.3033



Achromatopsia

164.0000, 0.0000, 0.0000



Achromatomaly

163.9340, 9.8925, -46.4231

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.2980, 27.4611, -128.3033 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(18, 228, 220)` looks like.

```
.text, #text, p{  
    color:rgb(18, 228, 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(18, 228, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 228, 220) }
```

Border

The CSS property to change the border of an element to YUV 164.2980, 27.4611, -128.3033 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(18, 228, 220) }
```


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

```
.border{ border-color:rgb(18, 228, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 228, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 228, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 228, 220);  
box-shadow:4px 4px 4px 4px rgb(18, 228,  
220) }
```

Background

The CSS property to change the background color of an element to YUV 164.2980, 27.4611, -128.3033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 228, 220) }
```

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

```
.background{ background-color: rgb(18, 228,  
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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