

Converting Colors

YUV(104.0280, 17.2412,
-70.1846)

Have a look what the booklet for
YUV(104.0280, 17.2412, -70.1846)
contains.

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Color

**YUV(104.0280, 17.2412,
-70.1846)**

Conversions

Conversions Part 1

Format	Color
Hex	188A8B
RGB	24, 138, 139
RGB Percent	9%, 54%, 55%
CMY	0.9059, 0.4588, 0.4549
CMYK	0.83, 0.01, 0.00, 0.45
HSL	181°, 71%, 32%
HSV	181°, 83%, 55%
XYZ	14.1254, 20.2352, 27.5874
YIQ	104.0280, -68.2650, -23.8570

Conversions

Conversions Part 2

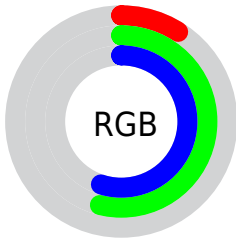
Format	Color
R_{YB}	24, 81, 139
Decimal	1608331
CIE _{Lab}	52.10, -28.70, -9.14
CIE _{LCh}	52, 30.119, 197.661
Yxy	20.2352, 0.2280, 0.3266
Android (android.graphics.Color)	4279798411 (0xFF188A8B)
YUV	104.0280, 17.2412, -70.1846
Hunter-Lab	44.9836, -22.6702, -4.8727

Details

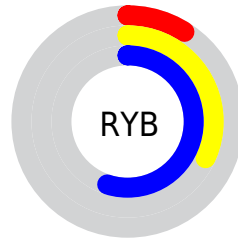
The YUV color **104.0280, 17.2412, -70.1846** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **58.9720, -17.2412, 70.1846**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.3990, 14.5933, -60.8629**, and **61.2150, 13.6980, -53.6856** is the 20% darker color. If you saturate the color by 10%, you get **99.8420, 19.3049, -78.7914**, and if you desaturate by 10%, it is **108.2140, 15.1775, -61.5777**.

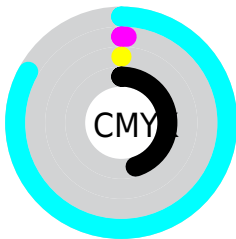
Distribution



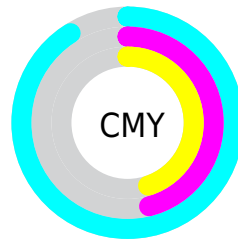
- Red (9%)
- Green (54%)
- Blue (55%)



- Red (9%)
- Yellow (32%)
- Blue (55%)



- Cyan (83%)
- Magenta (1%)
- Yellow (0%)
- Black (45%)



- Cyan (91%)
- Magenta (46%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.0280, 17.2412, -70.1846 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 104.0280, 17.2412, -70.1846 by changing the saturation by 10% instead.

104.0280, 17.2412,
-70.1846

104.0280, 17.2412,
-70.1846

255.0000, 0.0000,
0.0000

78.7400, 17.3832,
-69.0550

162.3990, 14.5933,
-60.8629

61.2150, 13.6980,
-53.6856

190.6980, 14.4459,
-60.2481

45.0920, 10.3076,
-39.5457

219.6980, 14.4459,
-60.2481

29.0830, 7.3541,
-25.5058

232.5750, 11.0555,
-46.1083

11.5410, 6.1423,
-10.1215

241.2460, 6.7807,
-28.2797

0.0000, 0.0000,
0.0000

250.2160, 2.3585,

-9.8364

■ 104.0280, 17.2412,
-70.1846

■ 104.0280, 17.2412,
-70.1846

■ 99.8420, 19.3049,
-78.7914

■ 108.2140, 15.1775,
-61.5777

■ 96.8520, 20.7790,
-84.9392

■ 112.4000, 13.1138,
-52.9708

■ 116.5860, 11.0501,
-44.3639

■ 120.7720, 8.9864,
-35.7570

■ 125.5450, 6.6333,
-27.6650

■ 129.4320, 4.7170,
-19.6729

■ 133.6180, 2.6533,
-11.0660

■ 137.8040, 0.5896,
-2.4591

■ 141.9900, -1.4741,
6.1478

Harmonies

Analogous

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



112.0240, -0.0118, -42.9940



104.0280, 17.2412, -70.1846



104.2800, 28.4560, -73.9136

Triad

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



104.0280, 17.2412, -70.1846



127.5240, 15.5177, 16.2035



123.4380, -24.3729, 24.1719

Complementary

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



104.0280, 17.2412, -70.1846



58.9720, -17.2412, 70.1846

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.



124.7200, -18.5960, 37.9566



104.0280, 17.2412, -70.1846



127.3710, 4.2541, 35.6316

Square

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



104.0280, 17.2412, -70.1846



124.2370, 24.0402, -10.7318



126.5000, -8.1345, 42.5345



120.6590, -23.0029, 4.6841

Rectangle

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



104.0280, 17.2412, -70.1846



112.5260, 28.8277, -53.0813



126.5000, -8.1345, 42.5345



123.8130, -23.0788, 29.1050

Sweetspot

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



104.0280, 17.2412, -70.1846



167.5450, 6.6333, -27.6650



91.5050, -33.2800, -59.2019



83.6280, 4.1274, -17.2138



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



104.0280, 17.2412, -70.1846



126.3050, 26.9646, -109.0155



71.1560, 33.4471, -41.3558



66.9070, 1.0318, -4.3034



92.0590, 20.1839, -80.7357



3.5050, 0.7370, -3.0739

Inverse Universe

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



71.3810, 32.8432, 59.3019



75.6990, 50.9274, 92.3490



92.4310, -33.7365, 40.8410



64.8910, 2.0257, 3.6036



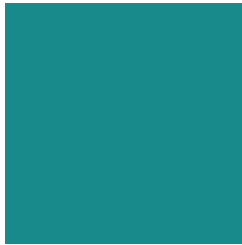
54.7010, 37.6154, 68.6682



2.0650, 1.4470, 2.5740

Previews

White Background



This preview shows how the YUV color 104.0280, 17.2412, -70.1846 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 104.0280, 17.2412, -70.1846 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

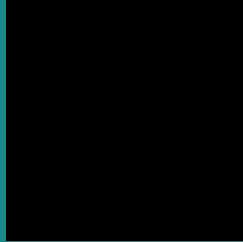
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 104.0280, 17.2412, -70.1846

Background



This preview shows how black text looks on a background with the YUV color 104.0280, 17.2412, -70.1846.

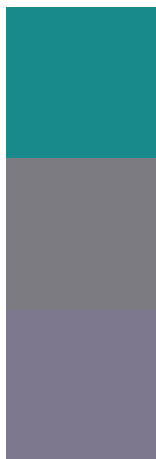


This preview shows how white text looks on a background with the YUV color 104.0280, 17.2412, -70.1846.

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

104.0280, 17.2412, -70.1846

Protanopia

124.0970, 2.9102, -0.0851

Deuteranopia

124.4160, 9.1619, 1.3892



Tritanopia

107.1580, 20.1351, -65.0366

Trichromacy



Original Color

104.0280, 17.2412, -70.1846

Protanomaly

116.6100, 8.0803, -25.0910

Deuteranomaly

117.3480, 12.1534, -24.8612

Tritanomaly

105.9190, 19.2669, -66.5810

Monochromacy



Original Color

104.0280, 17.2412, -70.1846

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

103.8550, 6.4805, -25.3058

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.0280, 17.2412, -70.1846 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(24, 138, 139)` looks like.

```
.text, #text, p{  
    color:rgb(24, 138, 139)  
}
```

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(24, 138, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 138, 139) }
```

Border

The CSS property to change the border of an element to YUV 104.0280, 17.2412, -70.1846 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(24, 138, 139) }
```


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

```
.border{ border-color:rgb(24, 138, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 138, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 138, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 138, 139);  
box-shadow:4px 4px 4px 4px rgb(24, 138,  
139) }
```

Background

The CSS property to change the background color of an element to YUV 104.0280, 17.2412, -70.1846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 138, 139) }
```

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

```
.background{ background-color: rgb(24, 138,  
139) }
```

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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