

Converting Colors

YUV(126.7980, 22.7776,
-72.6138)

Have a look what the booklet for
YUV(126.7980, 22.7776, -72.6138)
contains.

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Color

**YUV(126.7980, 22.7776,
-72.6138)**

Conversions

Conversions Part 1

Format	Color
Hex	2CA0AD
RGB	44, 160, 173
RGB Percent	17%, 63%, 68%
CMY	0.8275, 0.3725, 0.3216
CMYK	0.75, 0.08, 0.00, 0.32
HSL	186°, 59%, 43%
HSV	186°, 75%, 68%
XYZ	21.1523, 28.6942, 43.9589
YIQ	126.7980, -73.3090, -20.5490

Conversions

Conversions Part 2

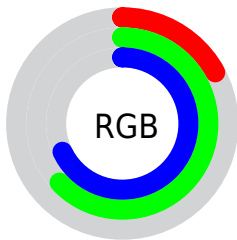
Format	Color
RYB	44, 105, 173
Decimal	2924717
CIELab	60.51, -26.79, -15.90
CIElCh	61, 31.152, 210.695
Yxy	28.6942, 0.2255, 0.3059
Android (android.graphics.Color)	4281114797 (0xFF2CA0AD)
YUV	126.7980, 22.7776, -72.6138
Hunter-Lab	53.5670, -23.2568, -11.1585

Details

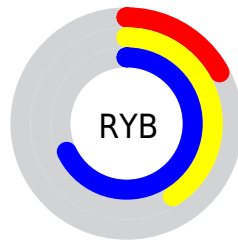
The YUV color **126.7980, 22.7776, -72.6138** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **90.2020, -22.7776, 72.6138**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **185.0870, 21.1561, -65.8513**, and **77.1900, 21.5983, -67.6956** is the 20% darker color. If you saturate the color by 10%, you get **120.5410, 25.8623, -82.0355**, and if you desaturate by 10%, it is **133.0550, 19.6929, -63.1922**.

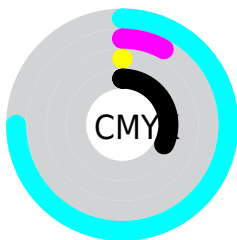
Distribution



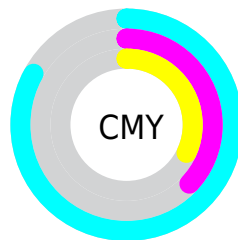
- Red (17%)
- Green (63%)
- Blue (68%)



- Red (17%)
- Yellow (41%)
- Blue (68%)



- Cyan (75%)
- Magenta (8%)
- Yellow (0%)
- Black (32%)



- Cyan (83%)
- Magenta (37%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the YUV color 126.7980, 22.7776, -72.6138 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 126.7980, 22.7776, -72.6138 by changing the saturation by 10% instead.


 126.7980, 22.7776,
-72.6138

 126.7980, 22.7776,
-72.6138


255.0000, 0.0000,
0.0000


 95.3020, 24.9941,
-83.5799


 185.0870, 21.1561,
-65.8513

 77.1900, 21.5983,
-67.6956


 214.1580, 20.1351,
-65.0366


 59.6650, 17.9132,
-52.3262


 229.2860, 12.6770,
-52.8708

 43.4280, 14.0860,
-38.0864

 238.2560, 8.2548,
-34.4275

 28.0060, 10.8430,
-24.5613

 247.2260, 3.8326,
-15.9842

 6.2410, 11.2202,
-5.4734

 0.0000, 0.0000,

0.0000

■ 126.7980, 22.7776,
-72.6138

■ 126.7980, 22.7776,
-72.6138

■ 120.5410, 25.8623,
-82.0355

■ 133.0550, 19.6929,
-63.1922

■ 114.5720, 28.8050,
-92.5866

■ 139.0240, 16.7502,
-52.6410

■ 111.2940, 30.4211,
-97.6048

■ 145.2810, 13.6655,
-43.2194

■ 151.5380, 10.5808,
-33.7978

■ 158.0940, 7.3487,
-23.7614

■ 163.7640, 4.5533,
-13.8250

■ 170.0210, 1.4686,
-4.4034

■ 176.2780, -1.6161,
5.0182

■ 182.8340, -4.8482,
15.0546

Harmonies

Analogous

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



131.4830, 7.1569, -55.6746



126.7980, 22.7776, -72.6138



133.0090, 29.5756, -59.6439

Triad

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



126.7980, 22.7776, -72.6138



149.5640, 11.5539, 27.5694



143.9380, -26.0984, 17.5944

Complementary

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



126.7980, 22.7776, -72.6138



90.2020, -22.7776, 72.6138

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.



146.1450, -23.2425, 34.9528



126.7980, 22.7776, -72.6138



149.2210, -1.5880, 42.7792

Square

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



126.7980, 22.7776, -72.6138



148.4450, 21.9656, 1.3637



147.6160, -14.1077, 45.0638



141.3480, -21.3706, -5.5672

Rectangle

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



126.7980, 22.7776, -72.6138



139.5430, 29.8053, -39.9412



147.6160, -14.1077, 45.0638



144.6830, -25.9727, 23.9570

Sweetspot

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



126.7980, 22.7776, -72.6138



206.4140, 8.6699, -27.5501



121.2050, -31.6531, -67.7088



101.5680, 5.1430, -16.2841



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



126.7980, 22.7776, -72.6138



152.7590, 35.1218, -112.0446



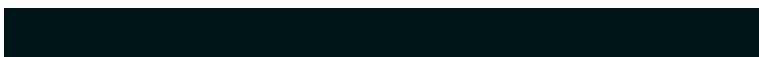
89.2300, 41.2986, -39.6667



83.7220, 1.6161, -5.0182



96.3450, 26.4519, -84.4946



14.9490, 3.9691, -13.1103

Inverse Universe

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



95.7950, 31.6531, 67.7088



104.9070, 48.8528, 104.4446



127.7700, -41.2986, 39.6667



81.6030, 2.1677, 4.7332



60.2400, 36.8567, 78.7195



9.2710, 5.7824, 12.0403

Previews

White Background



This preview shows how the YUV color 126.7980, 22.7776, -72.6138 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 126.7980, 22.7776, -72.6138 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 126.7980, 22.7776, -72.6138

Background



This preview shows how black text looks on a background with the YUV color 126.7980, 22.7776, -72.6138.

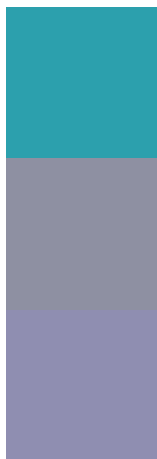


This preview shows how white text looks on a background with the YUV color 126.7980, 22.7776, -72.6138.

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

126.7980, 22.7776, -72.6138

Protanopia

145.4540, 8.1572, -3.0292

Deuteranopia

146.2890, 15.1405, -2.8845



Tritanopia

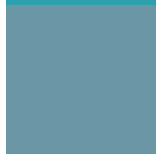
126.7980, 22.7776, -72.6138

Trichromacy



Original Color

126.7980, 22.7776, -72.6138



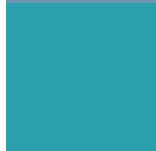
Protanomaly

138.6680, 13.4747, -28.6498



Deuteranomaly

139.5200, 17.9846, -28.5200



Tritanomaly

126.7980, 22.7776, -72.6138

Monochromacy



Original Color

126.7980, 22.7776, -72.6138



Achromatopsia

127.0000, 0.0000, 0.0000



Achromatomaly

127.0120, 8.3751, -26.3205

CSS Examples

Text

The CSS property to change the color of the text to YUV 126.7980, 22.7776, -72.6138 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(44, 160, 173)` looks like.

```
.text, #text, p{  
    color:rgb(44, 160, 173)  
}
```

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(44, 160, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 160, 173) }
```

Border

The CSS property to change the border of an element to YUV 126.7980, 22.7776, -72.6138 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(44, 160, 173) }
```


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

```
.border{ border-color:rgb(44, 160, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 160, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 160, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 160, 173);  
box-shadow:4px 4px 4px 4px rgb(44, 160,  
173) }
```

Background

The CSS property to change the background color of an element to YUV 126.7980, 22.7776, -72.6138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 160, 173) }
```

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

```
.background{ background-color: rgb(44, 160,  
173) }
```

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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