

Converting Colors

YUV(122.6290, 22.3679,
-81.2356)

Have a look what the booklet for
YUV(122.6290, 22.3679, -81.2356)
contains.

YUV(122.6290, 22.3679, -81.2356)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(122.6290, 22.3679,
-81.2356)**

Conversions

Conversions Part 1

Format	Color
Hex	1EA1A8
RGB	30, 161, 168
RGB Percent	12%, 63%, 66%
CMY	0.8824, 0.3686, 0.3412
CMYK	0.82, 0.04, 0.00, 0.34
HSL	183°, 70%, 39%
HSV	183°, 82%, 66%
XYZ	20.3482, 28.5929, 41.4923
YIQ	122.6290, -80.3230, -25.5950

Conversions

Conversions Part 2

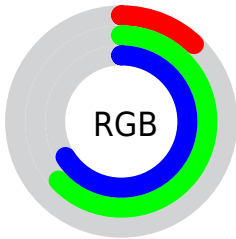
Format	Color
RYB	30, 97, 168
Decimal	2007464
CIELab	60.42, -30.29, -13.24
CIELCh	60, 33.056, 203.611
Yxy	28.5929, 0.2250, 0.3162
Android (android.graphics.Color)	4280197544 (0xFF1EA1A8)
YUV	122.6290, 22.3679, -81.2356
Hunter-Lab	53.4723, -25.6508, -8.5759

Details

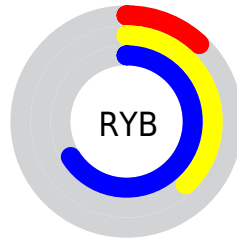
The YUV color **122.6290, 22.3679, -81.2356** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **75.3710, -22.3679, 81.2356**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.0110, 19.7146, -70.1696**, and **77.2070, 19.1249, -67.7105** is the 20% darker color. If you saturate the color by 10%, you get **116.9590, 25.1632, -91.1720**, and if you desaturate by 10%, it is **128.2990, 19.5726, -71.2992**.

Distribution



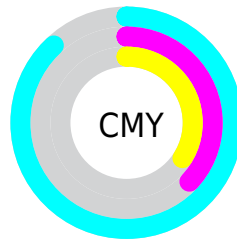
- Red (12%)
- Green (63%)
- Blue (66%)



- Red (12%)
- Yellow (38%)
- Blue (66%)



- Cyan (82%)
- Magenta (4%)
- Yellow (0%)
- Black (34%)



- Cyan (88%)
- Magenta (37%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.6290, 22.3679, -81.2356 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 122.6290, 22.3679, -81.2356 by changing the saturation by 10% instead.

■ 122.6290, 22.3679,
-81.2356

■ 122.6290, 22.3679,
-81.2356

■ 255.0000, 0.0000,
0.0000

■ 94.8460, 23.2469,
-83.1799

■ 183.0110, 19.7146,
-70.1696

■ 77.2070, 19.1249,
-67.7105

■ 212.3100, 19.5672,
-69.5549

■ 59.6820, 15.4398,
-52.3411

■ 227.4920, 13.5614,
-56.5595

■ 42.9720, 12.3388,
-37.6864

■ 236.1630, 9.2866,
-38.7310

■ 28.1370, 8.8065,
-24.6761

■ 245.1330, 4.8644,
-20.2876

■ 5.3120, 10.1992,
-4.6586

■ 254.4020, 0.2948,

■ 0.0000, 0.0000,

-1.2296

0.0000

■ 122.6290, 22.3679,
-81.2356

■ 122.6290, 22.3679,
-81.2356

■ 116.9590, 25.1632,
-91.1720

■ 128.2990, 19.5726,
-71.2992

■ 112.4850, 27.3689,
-98.6493

■ 133.9690, 16.7773,
-61.3628

■ 139.3400, 14.1294,
-52.0412

■ 144.4230, 11.6235,
-41.5900

■ 150.0930, 8.8282,
-31.6536

■ 155.7630, 6.0328,
-21.7172

■ 161.4330, 3.2375,
-11.7807

■ 166.8040, 0.5896,
-2.4591

■ 172.4740, -2.2057,
7.4773

Harmonies

Analogous

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



131.1690, 3.3677, -53.6452



122.6290, 22.3679, -81.2356



127.1920, 31.9503, -74.7134

Triad

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



122.6290, 22.3679, -81.2356



149.8670, 15.3486, 23.7956



144.5150, -27.8619, 23.2273

Complementary

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



122.6290, 22.3679, -81.2356



75.3710, -22.3679, 81.2356

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.



146.2920, -22.8220, 40.0859



122.6290, 22.3679, -81.2356



149.4320, 1.7590, 42.5941

Square

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



122.6290, 22.3679, -81.2356



146.7260, 25.7711, -5.8987



147.6210, -11.6452, 48.5674



141.1700, -24.7338, -0.1491

Rectangle

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



122.6290, 22.3679, -81.2356



135.4490, 32.3166, -52.1368



147.6210, -11.6452, 48.5674



144.7870, -27.0100, 30.0048

Sweetspot

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



122.6290, 22.3679, -81.2356



201.3810, 8.6862, -32.7831



111.8040, -36.8784, -71.7421



98.9590, 5.4432, -19.2580



237.0000, 0.0000, 0.0000



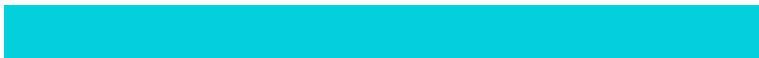
110.0000, 0.0000, 0.0000

Same Dimension

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



122.6290, 22.3679, -81.2356



147.6600, 35.1706, -127.7438



82.1260, 42.3359, -45.7145



81.6080, 1.1793, -4.9182



99.0520, 24.1314, -86.8686



13.4330, 3.2375, -11.7807

Inverse Universe

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



86.1960, 36.8784, 71.7421



90.3670, 57.9931, 112.8111



115.8740, -42.3359, 45.7145



79.3040, 2.3151, 4.1184



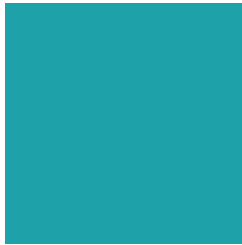
60.2120, 39.3355, 76.9901



8.1460, 5.3510, 10.3960

Previews

White Background



This preview shows how the YUV color 122.6290, 22.3679, -81.2356 looks on a white background.

Color Contrast Check

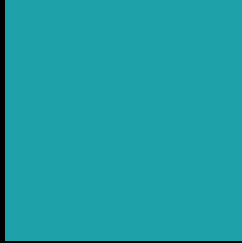
Large Text (above 18pt) WCAG AA ✓ Pass

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 122.6290, 22.3679, -81.2356 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

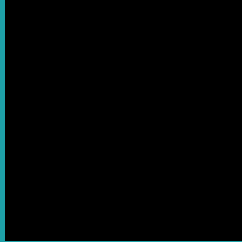
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 122.6290, 22.3679, -81.2356

Background



This preview shows how black text looks on a background with the YUV color 122.6290, 22.3679, -81.2356.

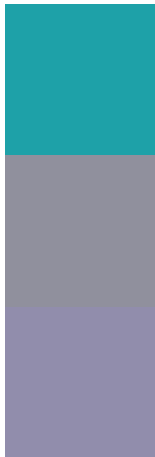


This preview shows how white text looks on a background with the YUV color 122.6290, 22.3679, -81.2356.

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

122.6290, 22.3679, -81.2356

Protanopia

145.4820, 5.6784, -1.2997

Deuteranopia

145.7300, 12.9511, -0.6402



Tritanopia

124.1070, 24.1042, -78.1468

Trichromacy



Original Color

122.6290, 22.3679, -81.2356

Protanomaly

137.2010, 11.7329, -29.9943

Deuteranomaly

137.1670, 16.6797, -29.9645

Tritanomaly

123.2810, 23.5255, -79.1764

Monochromacy



Original Color

122.6290, 22.3679, -81.2356

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

122.8760, 7.9491, -29.7093

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.6290, 22.3679, -81.2356 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(30, 161, 168)` looks like.

```
.text, #text, p{  
    color:rgb(30, 161, 168)  
}
```

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(30, 161, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 161, 168) }
```

Border

The CSS property to change the border of an element to YUV 122.6290, 22.3679, -81.2356 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(30, 161, 168) }
```


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

```
.border{ border-color:rgb(30, 161, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 161, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 161, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 161, 168);  
box-shadow:4px 4px 4px 4px rgb(30, 161,  
168) }
```

Background

The CSS property to change the background color of an element to YUV 122.6290, 22.3679, -81.2356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 161, 168) }
```

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

```
.background{ background-color: rgb(30, 161,  
168) }
```

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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