

Converting Colors

YUV(122.0260, 23.6512,
-72.8138)

Have a look what the booklet for
YUV(122.0260, 23.6512, -72.8138)
contains.

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Color

**YUV(122.0260, 23.6512,
-72.8138)**

Conversions

Conversions Part 1

Format	Color
Hex	279BAA
RGB	39, 155, 170
RGB Percent	15%, 61%, 67%
CMY	0.8471, 0.3922, 0.3333
CMYK	0.77, 0.09, 0.00, 0.33
HSL	187°, 63%, 41%
HSV	187°, 77%, 67%
XYZ	19.8137, 26.7763, 42.1543
YIQ	122.0260, -73.9510, -19.9270

Conversions

Conversions Part 2

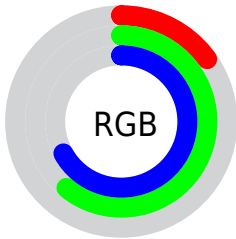
Format	Color
R_{YB}	39, 101, 170
Decimal	2595754
CIE _{Lab}	58.77, -25.80, -16.86
CIE _{LCh}	59, 30.820, 213.160
Yxy	26.7763, 0.2233, 0.3017
Android (android.graphics.Color)	4280785834 (0xFF279BAA)
YUV	122.0260, 23.6512, -72.8138
Hunter-Lab	51.7458, -22.2066, -12.0780

Details

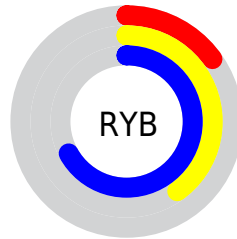
The YUV color **122.0260, 23.6512, -72.8138** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **86.9740, -23.6512, 72.8138**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.6140, 21.8823, -65.4365**, and **73.9130, 21.7349, -64.8217** is the 20% darker color. If you saturate the color by 10%, you get **115.7690, 26.7359, -82.2354**, and if you desaturate by 10%, it is **128.2830, 20.5665, -63.3922**.

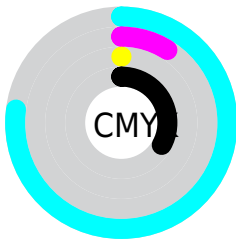
Distribution



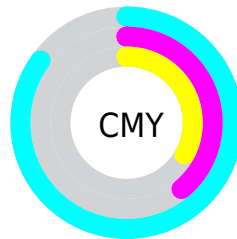
- Red (15%)
- Green (61%)
- Blue (67%)



- Red (15%)
- Yellow (40%)
- Blue (67%)



- Cyan (77%)
- Magenta (9%)
- Yellow (0%)
- Black (33%)



- Cyan (85%)
- Magenta (39%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.0260, 23.6512, -72.8138 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 122.0260, 23.6512, -72.8138 by changing the saturation by 10% instead.

■ 122.0260, 23.6512,
-72.8138

■ 122.0260, 23.6512,
-72.8138

■ 255.0000, 0.0000,
0.0000

■ 92.1390, 25.5675,
-80.8059

■ 180.6140, 21.8823,
-65.4365

■ 73.9130, 21.7349,
-64.8217

■ 209.3260, 22.0243,
-64.3069

■ 56.9750, 17.7603,
-49.9671

■ 228.3890, 13.1192,
-54.7152

■ 40.8520, 14.3700,
-35.8272

■ 237.0600, 8.8444,
-36.8866

■ 25.9030, 10.4008,
-22.7169

■ 246.0300, 4.4222,
-18.4433

■ 3.6650, 11.5042,
-3.2142

■ 0.0000, 0.0000,

0.0000

■ 122.0260, 23.6512,
-72.8138

■ 122.0260, 23.6512,
-72.8138

■ 115.7690, 26.7359,
-82.2354

■ 128.2830, 20.5665,
-63.3922

■ 109.5120, 29.8206,
-91.6570

■ 134.5400, 17.4818,
-53.9706

■ 108.0170, 30.5576,
-94.7309

■ 140.7970, 14.3971,
-44.5490

■ 147.0540, 11.3124,
-35.1274

■ 153.3110, 8.2277,
-25.7057

■ 159.5680, 5.1430,
-16.2841

■ 165.8250, 2.0583,
-6.8625

■ 172.0820, -1.0264,
2.5591

■ 178.3390, -4.1111,
11.9807

Harmonies

Analogous

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



126.4120, 8.1779, -56.4893



122.0260, 23.6512, -72.8138



129.3190, 29.4227, -57.2848

Triad

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



122.0260, 23.6512, -72.8138



145.5210, 10.0961, 28.4841



139.6280, -25.9456, 15.2352

Complementary

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



122.0260, 23.6512, -72.8138



86.9740, -23.6512, 72.8138

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.



141.4330, -23.3845, 33.8233



122.0260, 23.6512, -72.8138



144.5800, -2.7509, 42.4643

Square

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



122.0260, 23.6512, -72.8138



143.6410, 21.3760, 3.8228



142.7900, -14.6865, 44.0342



136.5650, -20.4915, -7.5115

Rectangle

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



122.0260, 23.6512, -72.8138



135.7390, 29.2157, -37.4821



142.7900, -14.6865, 44.0342



140.3730, -25.8199, 21.5979

Sweetspot

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



122.0260, 23.6512, -72.8138



203.2290, 9.2541, -28.2648



117.3790, -32.2318, -68.7384



100.9700, 5.4378, -17.5137



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.



122.0260, 23.6512, -72.8138



146.9160, 37.0164, -113.0593



84.4580, 42.1722, -39.8667



81.0210, 1.4686, -4.4034



93.7690, 26.7359, -82.2354



12.8460, 3.5269, -11.2659

Inverse Universe

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



91.3930, 31.3583, 68.9383



99.5160, 48.5526, 107.4185



124.5420, -42.1722, 39.8667



79.1900, 1.8783, 4.2184



59.1860, 35.4043, 77.8899



8.0320, 4.9142, 10.4959

Previews

White Background



This preview shows how the YUV color 122.0260, 23.6512, -72.8138 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 122.0260, 23.6512, -72.8138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

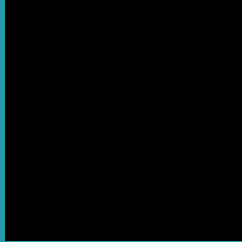
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 122.0260, 23.6512, -72.8138

Background



This preview shows how black text looks on a background with the YUV color 122.0260, 23.6512, -72.8138.

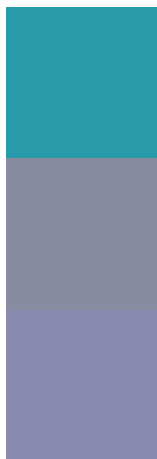


This preview shows how white text looks on a background with the YUV color 122.0260, 23.6512, -72.8138.

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

122.0260, 23.6512, -72.8138

Protanopia

140.7960, 9.4676, -3.3291

Deuteranopia

141.8050, 15.8721, -4.2140



Tritanopia

121.2000, 23.0724, -73.8434

Trichromacy



Original Color

122.0260, 23.6512, -72.8138

Protanomaly

134.0100, 14.7851, -28.9498

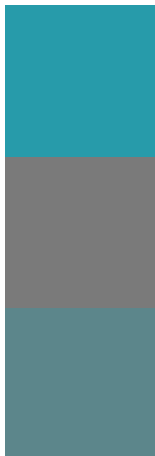
Deuteranomaly

134.4490, 19.0056, -29.3348

Tritanomaly

121.6130, 23.3618, -73.3286

Monochromacy



Original Color

122.0260, 23.6512, -72.8138

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

122.0120, 8.3751, -26.3205

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.0260, 23.6512, -72.8138 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(39, 155, 170)` looks like.

```
.text, #text, p{  
    color:rgb(39, 155, 170)  
}
```

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(39, 155, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 155, 170) }
```

Border

The CSS property to change the border of an element to YUV 122.0260, 23.6512, -72.8138 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(39, 155, 170) }
```


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

```
.border{ border-color:rgb(39, 155, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 155, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 155, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 155, 170);  
box-shadow:4px 4px 4px 4px rgb(39, 155,  
170) }
```

Background

The CSS property to change the background color of an element to YUV 122.0260, 23.6512, -72.8138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 155, 170) }
```

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

```
.background{ background-color: rgb(39, 155,  
170) }
```

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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