

Converting Colors

YUV(120.2950, 25.4906,
-102.8677)

Have a look what the booklet for
YUV(120.2950, 25.4906, -102.8677)
contains.

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Color

**YUV(120.2950, 25.4906,
-102.8677)**

Conversions

Conversions Part 1

Format	Color
Hex	03AAAC
RGB	3, 170, 172
RGB Percent	1%, 67%, 67%
CMY	0.9882, 0.3333, 0.3255
CMYK	0.98, 0.01, 0.00, 0.33
HSL	181°, 97%, 34%
HSV	181°, 98%, 67%
XYZ	21.8587, 31.7474, 44.0055
YIQ	120.2950, -100.1740, -34.7820

Conversions

Conversions Part 2

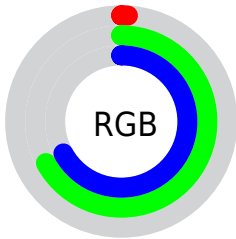
Format	Color
RYB	3, 87, 172
Decimal	240300
CIELab	63.13, -34.76, -11.43
CIELCh	63, 36.588, 198.208
Yxy	31.7474, 0.2239, 0.3252
Android (android.graphics.Color)	4278430380 (0xFF03AAAC)
YUV	120.2950, 25.4906, -102.8677
Hunter-Lab	56.3448, -29.3553, -6.8644

Details

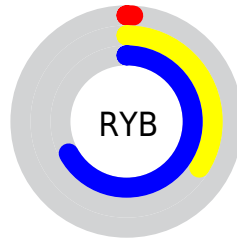
The YUV color **120.2950, 25.4906, -102.8677** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **54.7050, -25.4906, 102.8677**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.5430, 19.4523, -79.4062**, and **82.3590, 18.5570, -72.2288** is the 20% darker color. If you saturate the color by 10%, you get **119.3980, 25.9328, -104.7120**, and if you desaturate by 10%, it is **125.3780, 22.9846, -92.4165**.

Distribution



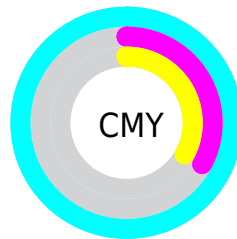
- Red (1%)
- Green (67%)
- Blue (67%)



- Red (1%)
- Yellow (34%)
- Blue (67%)



- Cyan (98%)
- Magenta (1%)
- Yellow (0%)
- Black (33%)



- Cyan (99%)
- Magenta (33%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.2950, 25.4906, -102.8677 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 120.2950, 25.4906, -102.8677 by changing the saturation by 10% instead.

■ 120.2950, 25.4906,
-102.8677

■ 120.2950, 25.4906,
-102.8677

■ 255.0000, 0.0000,
0.0000

■ 100.4710, 21.9528,
-88.1131

■ 187.5430, 19.4523,
-79.4062

■ 82.3590, 18.5570,
-72.2288

■ 217.0270, 18.7207,
-78.0767

■ 64.8340, 14.8718,
-56.8594

■ 226.2960, 14.1511,
-59.0186

■ 48.0100, 11.3341,
-42.1048

■ 235.2660, 9.7289,
-40.5753

■ 32.0010, 8.3805,
-28.0649

■ 244.5350, 5.1592,
-21.5172

■ 14.9320, 6.4425,
-13.0954

■ 253.5050, 0.7370,

■ 0.0000, 0.0000,

-3.0739

0.0000

■ 120.2950, 25.4906,
-102.8677

■ 120.2950, 25.4906,
-102.8677

■ 119.3980, 25.9328,
-104.7120

■ 125.3780, 22.9846,
-92.4165

■ 130.4610, 20.4787,
-81.9653

■ 136.4300, 17.5360,
-71.4141

■ 141.5130, 15.0301,
-60.9629

■ 146.5960, 12.5242,
-50.5117

■ 151.6790, 10.0183,
-40.0605

■ 156.7620, 7.5123,
-29.6093

■ 162.7310, 4.5696,
-19.0581

■ 167.8140, 2.0637,
-8.6069

Harmonies

Analogous

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



136.7620, 0.6103, -55.9193



120.2950, 25.4906, -102.8677



120.8290, 39.0313, -105.9670

Triad

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



120.2950, 25.4906, -102.8677



156.8820, 19.2852, 21.1515



151.1630, -30.6464, 29.6750

Complementary

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



120.2950, 25.4906, -102.8677



54.7050, -25.4906, 102.8677

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.



153.2220, -23.2804, 47.1633



120.2950, 25.4906, -102.8677



156.9530, 4.9532, 44.7682

Square

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



120.2950, 25.4906, -102.8677



152.8220, 30.1608, -13.8759



154.9960, -10.3510, 53.5005



148.4650, -28.8232, 4.8542

Rectangle

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



120.2950, 25.4906, -102.8677



137.3050, 37.3176, -69.5505



154.9960, -10.3510, 53.5005



152.5490, -29.3577, 36.3525

Sweetspot

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



120.2950, 25.4906, -102.8677



204.5650, 9.5815, -39.9605



102.2030, -48.9071, -87.0010



100.3390, 5.7489, -23.9763



240.0000, 0.0000, 0.0000



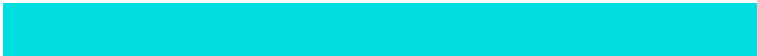
112.0000, 0.0000, 0.0000

Same Dimension

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



120.2950, 25.4906, -102.8677



155.8500, 33.5980, -136.6805



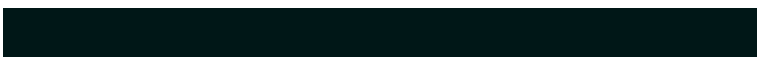
72.1610, 49.2206, -60.6542



84.3090, 1.3267, -5.5330



104.5630, 22.4004, -91.7018



16.1230, 3.3904, -14.1399

Inverse Universe

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



72.5690, 48.0335, 87.2010



92.2840, 63.9500, 115.5149



103.4260, -49.5100, 60.1394



81.7170, 2.6045, 4.6332



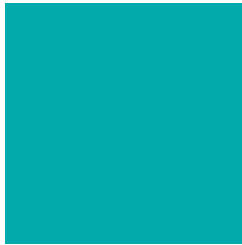
61.8360, 42.9719, 77.3198



9.4990, 6.6560, 11.8404

Previews

White Background



This preview shows how the YUV color 120.2950, 25.4906, -102.8677 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 120.2950, 25.4906, -102.8677 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

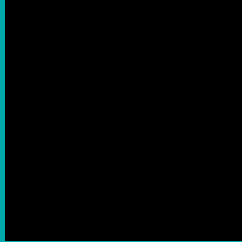
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

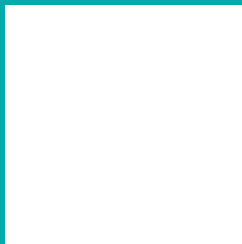
Any Text WCAG AAA ✓ Pass

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

YUV 120.2950, 25.4906, -102.8677 Background



This preview shows how black text looks on a background with the YUV color 120.2950, 25.4906, -102.8677.

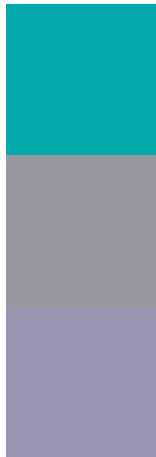


This preview shows how white text looks on a background with the YUV color 120.2950, 25.4906, -102.8677.

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

120.2950, 25.4906, -102.8677

Protanopia

152.3250, 3.7838, -0.2850

Deuteranopia

153.3990, 11.6353, 1.4041



Tritanopia

128.0350, 26.6047, -86.8537

Trichromacy



Original Color

120.2950, 25.4906, -102.8677

Protanomaly

140.7440, 11.4652, -37.4865

Deuteranomaly

141.4220, 16.5540, -36.3271

Tritanomaly

125.4750, 25.8948, -92.5016

Monochromacy



Original Color

120.2950, 25.4906, -102.8677

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

119.8750, 9.4286, -37.6014

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.2950, 25.4906, -102.8677 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(3, 170, 172)` looks like.

```
.text, #text, p{  
    color:rgb(3, 170, 172)  
}
```

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(3, 170, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 170, 172) }
```

Border

The CSS property to change the border of an element to YUV 120.2950, 25.4906, -102.8677 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(3, 170, 172) }
```


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

```
.border{ border-color:rgb(3, 170, 172) }
```

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

Here you see how a box with a 4 pixel rgb(3, 170, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 170, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 170, 172);  
box-shadow:4px 4px 4px 4px rgb(3, 170,  
172) }
```

Background

The CSS property to change the background color of an element to YUV 120.2950, 25.4906, -102.8677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 170, 172) }
```

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

```
.background{ background-color: rgb(3, 170,  
172) }
```

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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