

# Converting Colors

YUV(172.7680, 24.7644,  
-103.2825)

Have a look what the booklet for  
YUV(172.7680, 24.7644, -103.2825)  
contains.

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# Color

**YUV(172.7680, 24.7644,  
-103.2825)**

# Conversions

## Conversions Part 1

Format	Color
Hex	37DFDF
RGB	55, 223, 223
RGB Percent	22%, 87%, 87%
CMY	0.7843, 0.1255, 0.1255
CMYK	0.75, 0.00, 0.00, 0.13
HSL	180°, 72%, 55%
HSV	180°, 75%, 87%
XYZ	41.2825, 58.9153, 79.0080
YIQ	172.7680, -100.1280, -35.6160

# Conversions

## Conversions Part 2

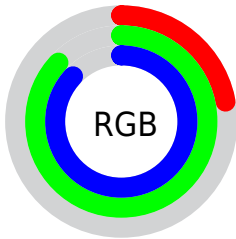
<b>Format</b>	<b>Color</b>
<b>RYB</b>	55, 139, 223
Decimal	3661791
CIELab	81.25, -40.50, -12.06
CIELCh	81, 42.259, 196.579
Yxy	58.9153, 0.2304, 0.3288
Android (android.graphics.Color)	4281851871 (0xFF37DFDF)
YUV	172.7680, 24.7644, -103.2825
Hunter-Lab	76.7563, -38.3193, -7.2999

# Details

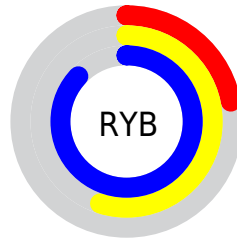
The YUV color **172.7680, 24.7644, -103.2825** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light muted cyan. A complement of this color would be **105.2320, -24.7644, 103.2825**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.3260, 18.5733, -77.4619**, and **117.1810, 25.0538, -102.7677** is the 20% darker color. If you saturate the color by 10%, you get **166.1900, 28.0073, -116.8076**, and if you desaturate by 10%, it is **179.3460, 21.5214, -89.7574**.

# Distribution



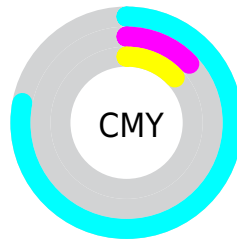
- Red (22%)
- Green (87%)
- Blue (87%)



- Red (22%)
- Yellow (55%)
- Blue (87%)



- Cyan (75%)
- Magenta (0%)
- Yellow (0%)
- Black (13%)



- Cyan (78%)
- Magenta (13%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 172.7680, 24.7644, -103.2825 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 172.7680, 24.7644, -103.2825 by changing the saturation by 10% instead.



172.7680, 24.7644,  
-103.2825

172.7680, 24.7644,  
-103.2825

255.0000, 0.0000,  
0.0000

136.6950, 28.7444,  
-119.8815

217.3260, 18.5733,  
-77.4619

117.1810, 25.0538,  
-102.7677

227.1930, 13.7089,  
-57.1743

98.3680, 21.5106,  
-86.2687

236.4620, 9.1392,  
-38.1162

80.1420, 17.6780,  
-70.2845

245.7310, 4.5696,  
-19.0581

62.6170, 13.9928,  
-54.9151

45.3200, 11.1812,  
-39.7456

29.8980, 7.9383,

-26.2205

■ 8.8340, 8.4628,  
-7.7474

■ 0.0000, 0.0000,  
0.0000

■ 172.7680, 24.7644,  
-103.2825

■ 172.7680, 24.7644,  
-103.2825

■ 166.1900, 28.0073,  
-116.8076

■ 179.3460, 21.5214,  
-89.7574

■ 159.3130, 31.3977,  
-130.9475

■ 186.2230, 18.1311,  
-75.6176


■ 156.3230, 32.8718,  
-137.0953

■ 192.8010, 14.8881,  
-62.0925

■ 199.3790, 11.6452,  
-48.5674

 206.2560, 8.2548,  
-34.4275

 212.8340, 5.0118,  
-20.9024

 219.4120, 1.7689,  
-7.3773

 225.9900, -1.4741,  
6.1478

 232.5680, -4.7170,  
19.6729

# Harmonies

## Analogous

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



184.2510, -1.1097, -64.2411



172.7680, 24.7644, -103.2825



171.3770, 41.2261, -109.9556

# Triad

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



172.7680, 24.7644, -103.2825



207.0440, 23.6423, 23.6404



200.4970, -37.2200, 38.1521

# Complementary

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



172.7680, 24.7644, -103.2825



105.2320, -24.7644, 103.2825

# 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.



198.5490, -25.9067, 49.5075



172.7680, 24.7644, -103.2825



202.9900, 8.8789, 45.6128

# Square

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



172.7680, 24.7644, -103.2825



199.1160, 27.5508, -16.7647



197.8430, -8.3036, 50.1267



196.7660, -35.3806, 8.0982



# Rectangle

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



172.7680, 24.7644, -103.2825



181.5980, 36.1872, -80.3314



197.8430, -8.3036, 50.1267



201.7090, -35.3525, 45.8592

# Sweetspot

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



172.7680, 24.7644, -103.2825



237.3590, 8.6970, -36.2718



153.6160, -48.6177, -86.4862



117.2360, 5.3067, -22.1320



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

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



172.7680, 24.7644, -103.2825



186.2300, 33.9036, -141.3987



123.4600, 49.0732, -60.0394



108.7110, 1.6215, -6.7625



123.3760, 25.9436, -108.2008



33.6480, 7.0755, -29.5093



# Inverse Universe

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



124.3840, 48.6177, 86.4862



119.9900, 66.5599, 118.4038



154.5400, -49.0732, 60.0394



105.5430, 3.1833, 5.6628



72.6880, 50.9328, 90.6046

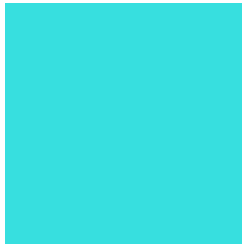


19.8240, 13.8908, 24.7104



# Previews

## White Background



This preview shows how the YUV color 172.7680, 24.7644, -103.2825 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

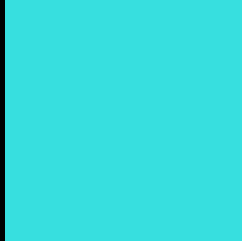
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 172.7680, 24.7644, -103.2825 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

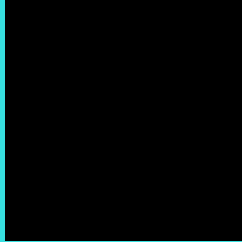
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

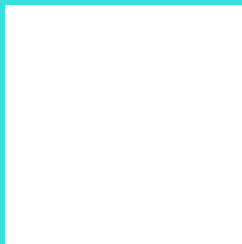
Any Text WCAG AAA ✓ Pass

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

# **YUV 172.7680, 24.7644, -103.2825 Background**



This preview shows how black text looks on a background with the YUV color 172.7680, 24.7644, -103.2825.



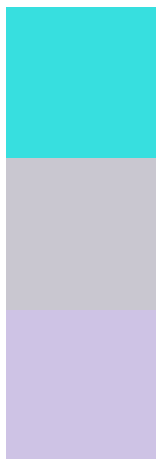
This preview shows how white text looks on a background with the YUV color 172.7680, 24.7644, -103.2825.



# 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

172.7680, 24.7644, -103.2825

### Protanopia

200.6240, 3.6364, 0.3298

### Deuteranopia

202.1650, 13.2297, 3.3633



## Tritanopia

176.7070, 30.7104, -97.0900

# Trichromacy



## Original Color

172.7680, 24.7644, -103.2825



## Protanomaly

190.6300, 11.0284, -37.3865



## Deuteranomaly

191.3620, 17.5695, -35.3975



## Tritanomaly

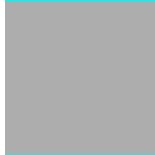
175.4140, 28.3899, -99.4641

# Monochromacy



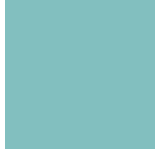
## Original Color

172.7680, 24.7644, -103.2825



## Achromatopsia

173.0000, 0.0000, 0.0000



## Achromatomaly

172.7610, 8.9918, -37.5014

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 172.7680, 24.7644, -103.2825 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(55, 223, 223)` looks like.

```
.text, #text, p{  
    color:rgb(55, 223, 223)  
}
```

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(55, 223, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 223, 223) }
```

## Border

The CSS property to change the border of an element to YUV 172.7680, 24.7644, -103.2825 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(55, 223, 223) }
```



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

```
.border{ border-color:rgb(55, 223, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 223, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 223, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 223, 223);  
box-shadow:4px 4px 4px 4px rgb(55, 223,  
223) }
```

# Background

The CSS property to change the background color of an element to YUV 172.7680, 24.7644, -103.2825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 223, 223) }
```

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

```
.background{ background-color: rgb(55, 223,  
223) }
```

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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