

Converting Colors

YUV(163.8840, 28.6512,
-136.7103)

Have a look what the booklet for
YUV(163.8840, 28.6512, -136.7103)
contains.

YUV(163.8840, 28.6512, -136.7103)	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(163.8840, 28.6512,
-136.7103)**

Conversions

Conversions Part 1

Format	Color
Hex	08E8DE
RGB	8, 232, 222
RGB Percent	3%, 91%, 87%
CMY	0.9686, 0.0902, 0.1294
CMYK	0.97, 0.00, 0.04, 0.09
HSL	177°, 93%, 47%
HSV	177°, 97%, 91%
XYZ	42.1416, 63.0388, 79.0539
YIQ	163.8840, -130.2940, -50.5980

Conversions

Conversions Part 2

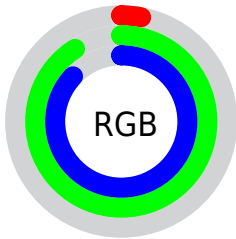
Format	Color
R _{YB}	8, 123, 232
Decimal	583902
CIE Lab	83.46, -47.45, -8.27
CIE LCh	83, 48.168, 189.885
Yxy	63.0388, 0.2287, 0.3422
Android (android.graphics.Color)	4278773982 (0xFF08E8DE)
YUV	163.8840, 28.6512, -136.7103
Hunter-Lab	79.3970, -44.2021, -3.4559

Details

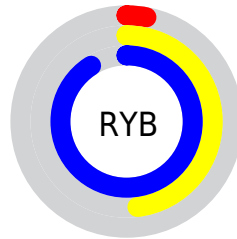
The YUV color **163.8840, 28.6512, -136.7103** is a light color, and the websafe version is hex **00FFFF**, and the color name is **bright turquoise**. The color can be described as light washed cyan. A complement of this color would be **76.1160, -28.6512, 136.7103**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.1400, 20.6370, -86.0688**, and **121.7630, 22.3018, -106.7862** is the 20% darker color. If you saturate the color by 10%, you get **161.4920, 29.8304, -141.6285**, and if you desaturate by 10%, it is **170.8750, 25.6976, -122.6704**.

Distribution



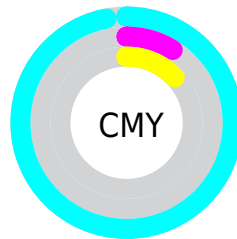
- Red (3%)
- Green (91%)
- Blue (87%)



- Red (3%)
- Yellow (48%)
- Blue (91%)



- Cyan (97%)
- Magenta (0%)
- Yellow (4%)
- Black (9%)



- Cyan (97%)
- Magenta (9%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.8840, 28.6512, -136.7103 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 163.8840, 28.6512, -136.7103 by changing the saturation by 10% instead.

163.8840, 28.6512,
-136.7103

163.8840, 28.6512,
-136.7103

255.0000, 0.0000,
0.0000

141.2770, 25.9924,
-123.8999

213.1400, 20.6370,
-86.0688

121.7630, 22.3018,
-106.7862

223.3060, 15.6251,
-65.1664

102.9500, 18.7587,
-90.2871

233.1730, 10.7607,
-44.8787

84.7240, 14.9261,
-74.3029

242.7410, 6.0437,
-25.2059

66.7260, 11.9671,
-58.5187

252.3090, 1.3267,
-5.5330

49.3150, 8.7187,
-43.2493

33.3060, 5.7651,

-29.2094

■ 15.1770, 4.8427,
-13.3102

■ 0.0000, 0.0000,
0.0000

■ 163.8840, 28.6512,
-136.7103

■ 163.8840, 28.6512,
-136.7103

■ 161.4920, 29.8304,
-141.6285

■ 170.8750, 25.6976,
-122.6704

■ 177.8660, 22.7441,
-108.6305

■ 185.1560, 19.6431,
-93.9758

■ 192.1470, 16.6895,
-79.9359

■ 199.1380, 13.7360,
-65.8960

■ 206.1290, 10.7824,
-51.8561

■ 213.1200, 7.8288,
-37.8162

■ 220.4100, 4.7279,
-23.1616

■ 227.4010, 1.7743,
-9.1217

Harmonies

Analogous

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



189.0460, -6.9247, -65.8153



163.8840, 28.6512, -136.7103



163.4930, 45.1130, -143.3834

Triad

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



163.8840, 28.6512, -136.7103



210.5550, 21.9114, 18.8073



204.7320, -40.2939, 44.0850

Complementary

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



163.8840, 28.6512, -136.7103



76.1160, -28.6512, 136.7103

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.



199.2330, -23.2859, 48.9077



163.8840, 28.6512, -136.7103



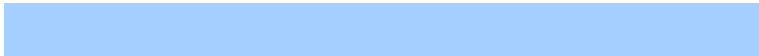
206.9170, 16.3099, 42.1688

Square

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



163.8840, 28.6512, -136.7103



199.9140, 27.1574, -30.6196



199.4390, -2.1884, 48.7270



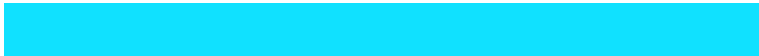
202.9860, -42.3911, 16.6753

Rectangle

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



163.8840, 28.6512, -136.7103



165.9290, 43.9120, -131.4877



199.4390, -2.1884, 48.7270



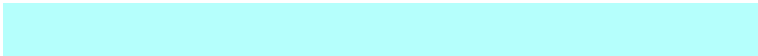
202.1220, -35.0631, 46.3740

Sweetspot

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



163.8840, 28.6512, -136.7103



232.5320, 9.5977, -45.1936



142.7770, -66.4451, -108.5524



114.3170, 5.7597, -27.4650



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.



163.8840, 28.6512, -136.7103



177.5010, 32.7840, -155.6684



105.7370, 62.2477, -85.7153



111.2980, 1.3321, -7.2773



124.5670, 22.8915, -109.2453



35.5230, 6.6442, -31.1537

Inverse Universe

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



76.1160, -28.6512, 136.7103



77.4990, -32.7840, 155.6684



134.2630, -62.2477, 85.7153



106.7020, -1.3321, 7.2773



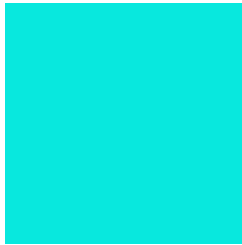
54.4330, -22.8915, 109.2453



15.4770, -6.6442, 31.1537

Previews

White Background



This preview shows how the YUV color 163.8840, 28.6512, -136.7103 looks on a white background.

Color Contrast Check

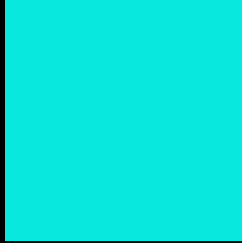
Large Text (above 18pt) WCAG AA × Fail

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 163.8840, 28.6512, -136.7103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

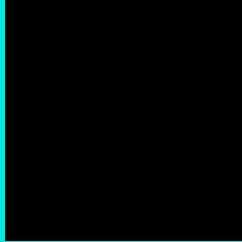
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

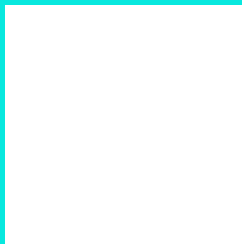
Any Text WCAG AAA ✓ Pass

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

YUV 163.8840, 28.6512, -136.7103 Background



This preview shows how black text looks on a background with the YUV color 163.8840, 28.6512, -136.7103.

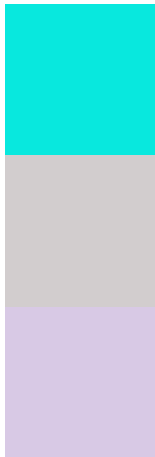


This preview shows how white text looks on a background with the YUV color 163.8840, 28.6512, -136.7103.

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

163.8840, 28.6512, -136.7103

Protanopia

206.6090, -0.3002, 2.9739

Deuteranopia

208.6770, 10.0192, 6.4223



Tritanopia

177.2430, 34.3902, -110.7151

Trichromacy



Original Color

163.8840, 28.6512, -136.7103



Protanomaly

191.3360, 10.1874, -47.6527



Deuteranomaly

192.0680, 16.7285, -45.6636



Tritanomaly

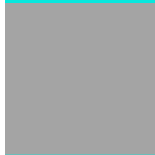
172.0200, 32.5281, -120.1665

Monochromacy



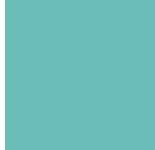
Original Color

163.8840, 28.6512, -136.7103



Achromatopsia

164.0000, 0.0000, 0.0000



Achromatomaly

164.0260, 10.3402, -50.0118

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.8840, 28.6512, -136.7103 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(8, 232, 222)` looks like.

```
.text, #text, p{  
    color:rgb(8, 232, 222)  
}
```

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(8, 232, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 232, 222) }
```

Border

The CSS property to change the border of an element to YUV 163.8840, 28.6512, -136.7103 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(8, 232, 222) }
```


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

```
.border{ border-color:rgb(8, 232, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(8, 232, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 232, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(8, 232, 222);  
box-shadow:4px 4px 4px 4px rgb(8, 232,  
222) }
```

Background

The CSS property to change the background color of an element to YUV 163.8840, 28.6512, -136.7103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 232, 222) }
```

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

```
.background{ background-color: rgb(8, 232,  
222) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor