

Converting Colors

YIQ(152.3620, -128.6440,
-47.4600)

Have a look what the booklet for
YIQ(152.3620, -128.6440, -47.4600)
contains.

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Color

**YIQ(152.3620, -128.6440,
-47.4600)**

Conversions

Conversions Part 1

Format	Color
Hex	00DAD6
RGB	0, 218, 214
RGB Percent	0%, 85%, 84%
CMY	0.9998, 0.1447, 0.1613
CMYK	1.00, 0.00, 0.02, 0.14
HSL	179°, 100%, 43%
HSV	179°, 100%, 86%
XYZ	37.2162, 55.0388, 72.1938
YIQ	152.3620, -128.6440, -47.4600

Conversions

Conversions Part 2

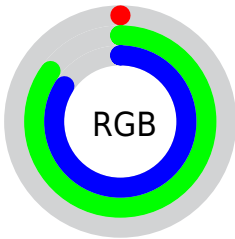
Format	Color
RYB	0, 110, 218
Decimal	56022
CIELab	79.06, -43.96, -10.50
CIELCh	79, 45.200, 193.427
Yxy	55.0388, 0.2263, 0.3347
Android (android.graphics.Color)	4278246102 (0xFF00DAD6)
YUV	152.3620, 30.3875, -133.6215
Hunter-Lab	74.1881, -40.2852, -5.7644

Details

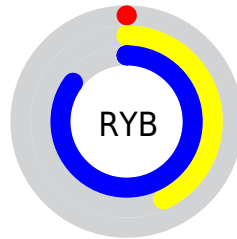
The YIQ color **152.3620, -128.6440, -47.4600** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **65.6380, 128.6440, 47.4600**, and the grayscale version is **152.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **211.6450, -86.4200, -30.7400**, and **113.2200, -95.5890, -35.2770** is the 20% darker color. If you saturate the color by 10%, you get **152.3620, -128.6440, -47.4600**, and if you desaturate by 10%, it is **158.9400, -115.5320, -42.7960**.

Distribution



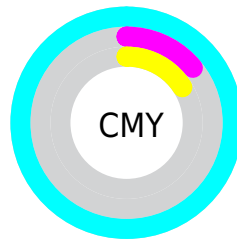
- Red (0%)
- Green (85%)
- Blue (84%)



- Red (0%)
- Yellow (43%)
- Blue (85%)



- Cyan (100%)
- Magenta (0%)
- Yellow (2%)
- Black (14%)



- Cyan (100%)
- Magenta (14%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 152.3620, -128.6440, -47.4600 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 YIQ color 152.3620, -128.6440, -47.4600 by changing the saturation by 10% instead.

152.3620,
-128.6440, -47.4600

152.3620,
-128.6440, -47.4600

255.0000, -0.0000,
-0.0000

132.7340,
-111.9560, -41.5240

211.6450,
-86.4200, -30.7400

113.2200,
-95.5890, -35.2770

221.8110,
-66.1560, -23.5320

94.4070, -79.8180,
-29.2420

231.6780,
-46.4880, -16.5360

76.2950, -64.6430,
-23.4190

240.9470,
-28.0120, -9.9640

58.8840, -50.0640,
-17.8080

250.5150, -8.9400,
-3.1800

42.1740, -36.0810,
-12.4090

26.7520, -22.9690,

-7.7450

■ 2.7530, -6.3740,
5.3860

■ 0.0000, 0.0000,
0.0000

■ 152.3620,
-128.6440, -47.4600

■ 158.9400,
-115.5320, -42.7960

■ 165.6320,
-102.7410, -37.8210

■ 171.9110,
-90.2250, -33.3690

■ 178.6030,
-77.4340, -28.3940

■ 185.1810,
-64.3220, -23.7300

■ 191.7590,
-51.2100, -19.0660

■ 198.4510,
-38.4190, -14.0910

■ 205.0290,
-25.3070, -9.4270

■ 211.4220,
-13.1120, -4.6640

Harmonies

Analogous

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



176.6700, -53.1780, -38.4740



152.3620, -128.6440, -47.4600



154.9330, -140.0170, -34.0730

Triad

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



152.3620, -128.6440, -47.4600



200.5320, 2.6990, 33.6990



194.3620, 57.0380, -9.4740

Complementary

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



152.3620, -128.6440, -47.4600



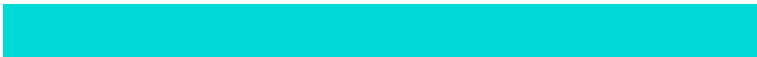
65.6380, 128.6440, 47.4600

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.



192.5820, 60.0150, 8.1670



152.3620, -128.6440, -47.4600



198.2940, 35.6640, 36.4960

Square

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



152.3620, -128.6440, -47.4600



191.3970, -37.1860, 13.1340



192.2180, 50.0170, 24.1690



190.5770, 30.9070, -25.9970

Rectangle

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



152.3620, -128.6440, -47.4600



167.2900, -109.8050, -19.9250



192.2180, 50.0170, 24.1690



195.1010, 62.4470, -2.8730

Sweetspot

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



152.3620, -128.6440, -47.4600



232.1620, -44.9750, -16.4230



130.0590, -55.7780, -112.5300



114.1320, -27.0950, -10.0630



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.



152.3620, -128.6440, -47.4600



178.1850, -150.3750, -55.6150



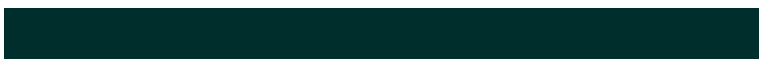
92.9440, -101.8780, 7.1300



106.5970, -6.2350, -2.6430



120.9310, -102.1450, -37.6090



32.1320, -27.0950, -10.0630

Inverse Universe

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



65.6380, 128.6440, 47.4600



76.8150, 150.3750, 55.6150



125.0560, 101.8780, -7.1300



102.2890, 6.5560, 2.3320



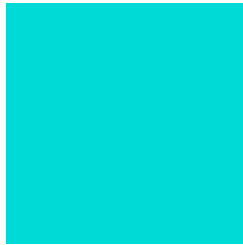
52.0690, 102.1450, 37.6090



13.8680, 27.0950, 10.0630

Previews

White Background



This preview shows how the YIQ color 152.3620, -128.6440, -47.4600 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 YIQ color 152.3620, -128.6440, -47.4600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

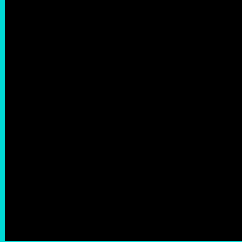
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

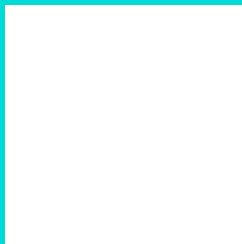
Any Text WCAG AAA ✓ Pass

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

YIQ 152.3620, -128.6440, -47.4600 Background



This preview shows how black text looks on a background with the YIQ color 152.3620, -128.6440, -47.4600.



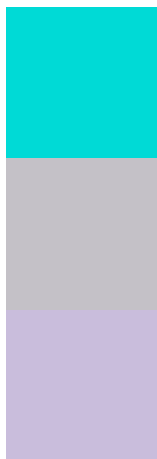
This preview shows how white text looks on a background with the YIQ color 152.3620, -128.6440, -47.4600.

-47.4600.

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

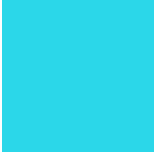
152.3620, -128.6440, -47.4600

Protanopia

194.5810, -0.1380, 2.5020

Deuteranopia

196.1220, -2.7990, 12.1850



Tritanopia

165.6240, -108.2900, -30.8660

Trichromacy



Original Color

152.3620, -128.6440, -47.4600



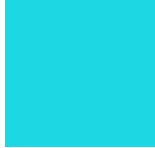
Protanomaly

179.2050, -46.5340, -15.7020



Deuteranomaly

180.5240, -48.6900, -9.6660



Tritanomaly

160.6290, -115.8540, -36.9580

Monochromacy



Original Color

152.3620, -128.6440, -47.4600



Achromatopsia

152.0000, -0.0000, -0.0000



Achromatomaly

152.1510, -46.4420, -17.3700

CSS Examples

Text

The CSS property to change the color of the text to YIQ 152.3620, -128.6440, -47.4600 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(0, 218, 214)` looks like.

```
.text, #text, p{  
    color:rgb(0, 218, 214)  
}
```

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(0, 218, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 218, 214) }
```

Border

The CSS property to change the border of an element to YIQ 152.3620, -128.6440, -47.4600 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(0, 218, 214) }
```


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

```
.border{ border-color:rgb(0, 218, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 218, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 218, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 218, 214);  
box-shadow:4px 4px 4px 4px rgb(0, 218,  
214) }
```

Background

The CSS property to change the background color of an element to YIQ 152.3620, -128.6440, -47.4600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 218, 214) }
```

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

```
.background{ background-color: rgb(0, 218,  
214) }
```

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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