

Converting Colors

YIQ(124.8920, -106.4090,
-37.4250)

Have a look what the booklet for
YIQ(124.8920, -106.4090, -37.4250)
contains.

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Color

**YIQ(124.8920, -106.4090,
-37.4250)**

Conversions

Conversions Part 1

Format	Color
Hex	00B2B3
RGB	0, 178, 179
RGB Percent	0%, 70%, 70%
CMY	0.9999, 0.3017, 0.2985
CMYK	1.00, 0.00, 0.00, 0.30
HSL	180°, 100%, 35%
HSV	180°, 100%, 70%
XYZ	24.0611, 35.1209, 48.1015
YIQ	124.8920, -106.4090, -37.4250

Conversions

Conversions Part 2

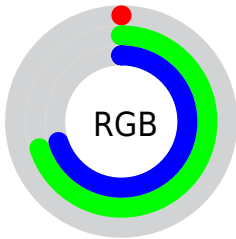
Format	Color
RYB	0, 89, 179
Decimal	45747
CIELab	65.84, -36.47, -11.21
CIELCh	66, 38.158, 197.091
Yxy	35.1209, 0.2243, 0.3274
Android (android.graphics.Color)	4278235827 (0xFF00B2B3)
YUV	124.8920, 26.6752, -109.5303
Hunter-Lab	59.2629, -31.2380, -6.6395

Details

The YIQ color **124.8920, -106.4090, -37.4250** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **54.1080, 106.4090, 37.4250**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.7490, -80.7810, -28.3090**, and **87.7390, -74.8210, -26.1890** is the 20% darker color. If you saturate the color by 10%, you get **124.8920, -106.4090, -37.4250**, and if you desaturate by 10%, it is **130.2740, -95.6810, -33.6090**.

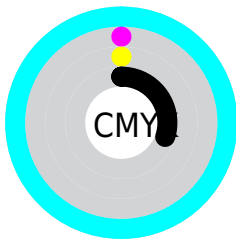
Distribution



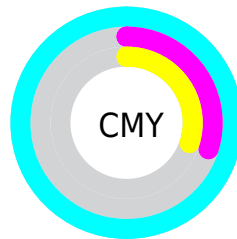
- Red (0%)
- Green (70%)
- Blue (70%)



- Red (0%)
- Yellow (35%)
- Blue (70%)



- Cyan (100%)
- Magenta (0%)
- Yellow (0%)
- Black (30%)



- Cyan (100%)
- Magenta (30%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 124.8920, -106.4090, -37.4250 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 124.8920, -106.4090, -37.4250 by changing the saturation by 10% instead.

■ 124.8920,
-106.4090, -37.4250

■ 124.8920,
-106.4090, -37.4250

■ 255.0000, -0.0000,
-0.0000

■ 105.9650,
-90.3170, -31.7010

■ 193.7490,
-80.7810, -28.3090

■ 87.7390, -74.8210,
-26.1890

■ 217.9240,
-73.9040, -26.2880

■ 69.6270, -59.6460,
-20.3660

■ 227.1930,
-55.4280, -19.7160

■ 52.2160, -45.0670,
-14.7550

■ 236.1630,
-37.5480, -13.3560

■ 36.2070, -31.6800,
-9.5680

■ 245.4320,
-19.0720, -6.7840

■ 21.3720, -18.8430,
-5.4270

254.7010, -0.5960,

■ 1.1400, -3.2100,

-0.2120

3.1100

■ 0.0000, 0.0000,
0.0000

■ 124.8920,
-106.4090, -37.4250

■ 130.2740,
-95.6810, -33.6090

■ 135.6560,
-84.9530, -29.7930

■ 141.0380,
-74.2250, -25.9770

■ 146.4200,
-63.4970, -22.1610

■ 151.5030,
-53.3650, -18.5570

■ 157.4720,
-42.9120, -15.2640

■ 162.8540,
-32.1840, -11.4480

■ 168.2360,
-21.4560, -7.6320

■ 173.6180,
-10.7280, -3.8160

Harmonies

Analogous

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



143.6370, -48.4110, -31.2510



124.8920, -106.4090, -37.4250



126.5510, -115.2140, -26.5260

Triad

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



124.8920, -106.4090, -37.4250



164.3380, 6.0010, 28.9210



158.7180, 44.2920, -9.7560

Complementary

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



124.8920, -106.4090, -37.4250



54.1080, 106.4090, 37.4250

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.



160.6030, 55.5220, 6.9940



124.8920, -106.4090, -37.4250



164.1920, 35.7110, 30.1350

Square

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



124.8920, -106.4090, -37.4250



159.9680, -31.3640, 17.7560



162.7190, 52.8600, 22.2040



155.6070, 22.1950, -22.2930

Rectangle

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



124.8920, -106.4090, -37.4250



142.4290, -84.9110, -8.5190



162.7190, 52.8600, 22.2040



159.5170, 49.4720, -4.5120

Sweetspot

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



124.8920, -106.4090, -37.4250



211.0700, -41.7200, -14.8400



105.0730, -49.2250, -93.6170



104.4420, -25.0320, -8.9040



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



124.8920, -106.4090, -37.4250



162.0450, -137.9970, -48.6610



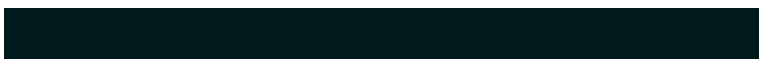
72.6490, -81.9340, 9.1220



86.3090, -5.3640, -1.9080



106.6660, -90.9130, -31.9130



17.6390, -15.2210, -4.9890

Inverse Universe

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



73.8130, 49.5460, 93.3060



95.7020, 64.1210, 121.0250



105.7640, 82.2090, -8.5990



83.7170, 2.4750, 4.7070



63.0750, 42.3960, 79.7080



10.6240, 7.4710, 13.2870

Previews

White Background



This preview shows how the YIQ color 124.8920, -106.4090, -37.4250 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 124.8920, -106.4090, -37.4250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

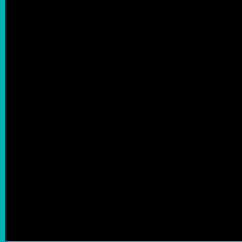
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

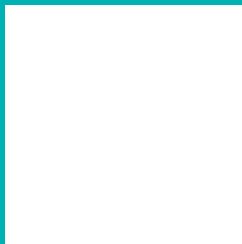
Any Text WCAG AAA ✓ Pass

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

YIQ 124.8920, -106.4090, -37.4250 Background



This preview shows how black text looks on a background with the YIQ color 124.8920, -106.4090, -37.4250.



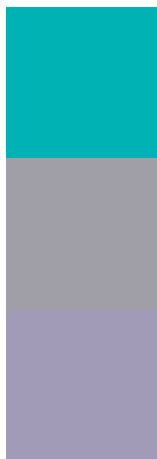
This preview shows how white text looks on a background with the YIQ color 124.8920, -106.4090, -37.4250.

-37.4250.

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

124.8920, -106.4090, -37.4250

Protanopia

159.5100, -1.3760, 2.9120

Deuteranopia

160.3990, -5.1370, 10.5030



Tritanopia

134.3550, -91.2350, -26.0750

Trichromacy



Original Color

124.8920, -106.4090, -37.4250



Protanomaly

146.8470, -39.4740, -11.4900



Deuteranomaly

147.2260, -41.8590, -6.8110



Tritanomaly

131.1970, -96.7820, -30.1740

Monochromacy



Original Color

124.8920, -106.4090, -37.4250



Achromatopsia

125.0000, 0.0000, 0.0000



Achromatomaly

124.9780, -38.4650, -13.2570

CSS Examples

Text

The CSS property to change the color of the text to YIQ 124.8920, -106.4090, -37.4250 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, 178, 179)` looks like.

```
.text, #text, p{  
    color:rgb(0, 178, 179)  
}
```

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, 178, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 178, 179) }
```

Border

The CSS property to change the border of an element to YIQ 124.8920, -106.4090, -37.4250 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, 178, 179) }
```


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

```
.border{ border-color:rgb(0, 178, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 178, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 178, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 178, 179);  
box-shadow:4px 4px 4px 4px rgb(0, 178,  
179) }
```

Background

The CSS property to change the background color of an element to YIQ 124.8920, -106.4090, -37.4250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 178, 179) }
```

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

```
.background{ background-color: rgb(0, 178,  
179) }
```

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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