

Converting Colors

YIQ(132.1930, -117.3220,
-32.3780)

Have a look what the booklet for
YIQ(132.1930, -117.3220, -32.3780)
contains.

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Color

**YIQ(132.1930, -117.3220,
-32.3780)**

Conversions

Conversions Part 1

Format	Color
Hex	00B9CF
RGB	0, 185, 207
RGB Percent	0%, 73%, 81%
CMY	0.9998, 0.2742, 0.1887
CMYK	1.00, 0.11, 0.00, 0.19
HSL	186°, 100%, 41%
HSV	186°, 100%, 81%
XYZ	28.6127, 39.2295, 65.0166
YIQ	132.1930, -117.3220, -32.3780

Conversions

Conversions Part 2

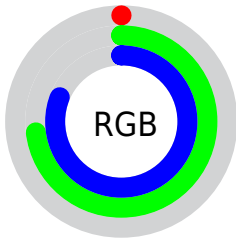
Format	Color
RYB	0, 98, 207
Decimal	47567
CIELab	68.92, -30.92, -22.01
CIELCh	69, 37.953, 215.441
Yxy	39.2295, 0.2154, 0.2953
Android (android.graphics.Color)	4278237647 (0xFF00B9CF)
YUV	132.1930, 36.8799, -115.9333
Hunter-Lab	62.6334, -28.0648, -17.7026

Details

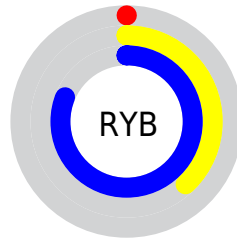
The YIQ color **132.1930, -117.3220, -32.3780** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as dark washed azure. A complement of this color would be **74.8070, 117.3220, 32.3780**, and the grayscale version is **132.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **201.6330, -86.1460, -24.6900**, and **94.3390, -85.1380, -20.9300** is the 20% darker color. If you saturate the color by 10%, you get **132.1930, -117.3220, -32.3780**, and if you desaturate by 10%, it is **139.6460, -105.3560, -28.9720**.

Distribution



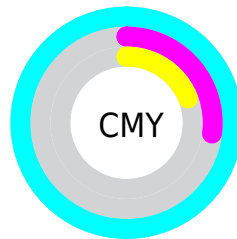
- Red (0%)
- Green (73%)
- Blue (81%)



- Red (0%)
- Yellow (38%)
- Blue (81%)



- Cyan (100%)
- Magenta (11%)
- Yellow (0%)
- Black (19%)



- Cyan (100%)
- Magenta (27%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 132.1930, -117.3220, -32.3780 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 132.1930, -117.3220, -32.3780 by changing the saturation by 10% instead.

■ 132.1930,
-117.3220, -32.3780

■ 132.1930,
-117.3220, -32.3780

■ 255.0000, -0.0000,
-0.0000

■ 113.1520,
-100.9090, -26.9650

■ 202.2200,
-86.4210, -25.2130

■ 94.3390, -85.1380,
-20.9300

■ 219.7180,
-70.3280, -25.0160

■ 76.7000, -69.9170,
-15.9410

■ 228.9870,
-51.8520, -18.4440

■ 59.0610, -54.6960,
-10.9520

■ 238.5550,
-32.7800, -11.6600

■ 42.8240, -40.6670,
-6.3870

■ 247.8240,
-14.3040, -5.0880

■ 27.8750, -27.5090,
-2.5570

■ 5.0500, -11.4640,

9.5280

■ 0.7980, -2.2470,
2.1770

■ 0.0000, 0.0000,
0.0000

■ 132.1930,
-117.3220, -32.3780

■ 139.6460,
-105.3560, -28.9720

■ 146.8000,
-93.9860, -25.7780

■ 154.8400,
-82.2950, -22.8950

■ 162.2930,
-70.3290, -19.4890

■ 169.4470,
-58.9590, -16.2950

■ 176.9000,
-46.9930, -12.8890

■ 184.3530,
-35.0270, -9.4830

■ 192.3930,
-23.3360, -6.6000

■ 199.5470,
-11.9660, -3.4060

Harmonies

Analogous

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



146.2350, -73.5820, -32.1260



132.1930, -117.3220, -32.3780



151.0270, -83.7190, -8.0950

Triad

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



132.1930, -117.3220, -32.3780



173.0430, 25.9450, 30.9130



165.2170, 32.2810, -17.8550

Complementary

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



132.1930, -117.3220, -32.3780



74.8070, 117.3220, 32.3780

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.



167.6420, 50.6180, -3.2540



132.1930, -117.3220, -32.3780



171.3150, 48.3660, 26.5580

Square

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



132.1930, -117.3220, -32.3780



171.5150, -7.7990, 25.7130



169.8900, 56.3920, 13.2560



161.3920, 3.6270, -27.1970

Rectangle

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



132.1930, -117.3220, -32.3780



160.7470, -58.9630, 5.8130



169.8900, 56.3920, 13.2560



165.8590, 39.3410, -13.6430

Sweetspot

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



132.1930, -117.3220, -32.3780



227.5800, -43.0960, -11.9280



123.9030, -63.6660, -101.7300



111.3110, -26.0410, -7.1370



0.0000, 0.0000, 0.0000



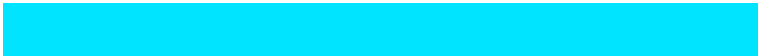
128.0000, -0.0000, -0.0000

Same Dimension

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



132.1930, -117.3220, -32.3780



162.9060, -144.5550, -39.9390



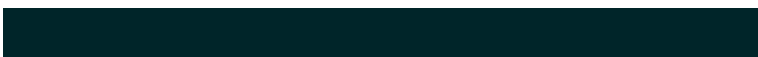
72.3190, -89.2720, 20.9680



100.5370, -6.0060, -1.2860



107.7890, -95.4530, -26.7250



26.3930, -23.3360, -6.6000

Inverse Universe

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



82.9830, 63.9870, 101.4190



102.2370, 78.7920, 124.9680



134.6810, 89.2720, -20.9680



98.3150, 3.6670, 5.1310



67.4460, 51.6570, 82.5770



16.4770, 12.5590, 20.1990

Previews

White Background



This preview shows how the YIQ color 132.1930, -117.3220, -32.3780 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 132.1930, -117.3220, -32.3780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

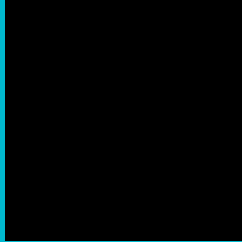
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

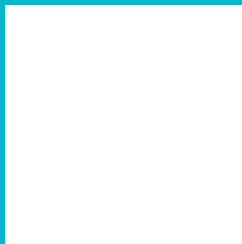
Any Text WCAG AAA ✓ Pass

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

YIQ 132.1930, -117.3220, -32.3780 Background



This preview shows how black text looks on a background with the YIQ color 132.1930, -117.3220, -32.3780.



This preview shows how white text looks on a background with the YIQ color 132.1930, -117.3220, -32.3780.

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

132.1930, -117.3220, -32.3780

Protanopia

167.9960, -11.3720, 7.8600

Deuteranopia

168.2760, -17.7920, 14.0800



Tritanopia

132.0960, -115.6710, -34.7670

Trichromacy



Original Color

132.1930, -117.3220, -32.3780

Protanomaly

155.0340, -50.0660, -6.7540

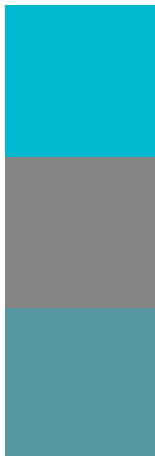
Deuteranomaly

155.4020, -53.9180, -3.0220

Tritanomaly

132.3240, -116.3130, -34.1450

Monochromacy



Original Color

132.1930, -117.3220, -32.3780

Achromatopsia

132.0000, -0.0000, -0.0000

Achromatomaly

131.8790, -42.5000, -11.7160

CSS Examples

Text

The CSS property to change the color of the text to YIQ 132.1930, -117.3220, -32.3780 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, 185, 207)` looks like.

```
.text, #text, p{  
    color:rgb(0, 185, 207)  
}
```

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, 185, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 185, 207) }
```

Border

The CSS property to change the border of an element to YIQ 132.1930, -117.3220, -32.3780 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, 185, 207) }
```


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

```
.border{ border-color:rgb(0, 185, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 185, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 185, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 185, 207);  
box-shadow:4px 4px 4px 4px rgb(0, 185,  
207) }
```

Background

The CSS property to change the background color of an element to YIQ 132.1930, -117.3220, -32.3780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 185, 207) }
```

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

```
.background{ background-color: rgb(0, 185,  
207) }
```

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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