

Converting Colors

YIQ(134.3130, -117.7800,
-35.0920)

Have a look what the booklet for
YIQ(134.3130, -117.7800, -35.0920)
contains.

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Color

**YIQ(134.3130, -117.7800,
-35.0920)**

Conversions

Conversions Part 1

Format	Color
Hex	00BDCD
RGB	0, 189, 205
RGB Percent	0%, 74%, 80%
CMY	0.9998, 0.2585, 0.1966
CMYK	1.00, 0.08, 0.00, 0.20
HSL	185°, 100%, 40%
HSV	185°, 100%, 80%
XYZ	29.2194, 40.8313, 64.0214
YIQ	134.3130, -117.7800, -35.0920

Conversions

Conversions Part 2

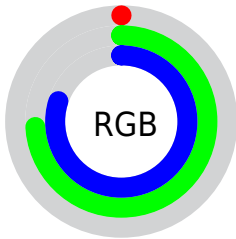
Format	Color
RYB	0, 98, 205
Decimal	48589
CIELab	70.06, -33.48, -19.18
CIElCh	70, 38.587, 209.802
Yxy	40.8313, 0.2179, 0.3045
Android (android.graphics.Color)	4278238669 (0xFF00BDCD)
YUV	134.3130, 34.8487, -117.7925
Hunter-Lab	63.8994, -30.2008, -14.6737

Details

The YIQ color **134.3130, -117.7800, -35.0920** 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 **70.6870, 117.7800, 35.0920**, and the grayscale version is **134.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **204.5680, -87.5210, -27.3050**, and **96.4590, -85.5960, -23.6440** is the 20% darker color. If you saturate the color by 10%, you get **134.3130, -117.7800, -35.0920**, and if you desaturate by 10%, it is **141.7660, -105.8140, -31.6860**.

Distribution



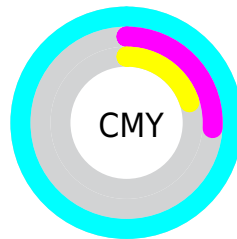
- Red (0%)
- Green (74%)
- Blue (80%)



- Red (0%)
- Yellow (38%)
- Blue (80%)



- Cyan (100%)
- Magenta (8%)
- Yellow (0%)
- Black (20%)



- Cyan (100%)
- Magenta (26%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 134.3130, -117.7800, -35.0920 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 134.3130, -117.7800, -35.0920 by changing the saturation by 10% instead.

■ 134.3130,
-117.7800, -35.0920

■ 134.3130,
-117.7800, -35.0920

■ 255.0000, -0.0000,
-0.0000

■ 115.2720,
-101.3670, -29.6790

■ 204.5680,
-87.5210, -27.3050

■ 96.4590, -85.5960,
-23.6440

■ 219.7180,
-70.3280, -25.0160

■ 78.2330, -70.1000,
-18.1320

■ 229.2860,
-51.2560, -18.2320

■ 60.7080, -55.2000,
-12.8320

■ 238.5550,
-32.7800, -11.6600

■ 44.4710, -41.1710,
-8.2670

■ 247.8240,
-14.3040, -5.0880

■ 28.9350, -27.7380,
-3.9140

■ 4.8220, -10.8220,

8.9060

■ 0.5700, -1.6050,
1.5550

■ 0.0000, 0.0000,
0.0000

■ 134.3130,
-117.7800, -35.0920

■ 141.7660,
-105.8140, -31.6860

■ 148.3330,
-94.1690, -27.9690

■ 155.7860,
-82.2030, -24.5630

■ 162.3530,
-70.5580, -20.8460

■ 169.5070,
-59.1880, -17.6520

■ 176.9600,
-47.2220, -14.2460

■ 183.5270,
-35.5770, -10.5290

■ 190.9800,
-23.6110, -7.1230

■ 197.5470,
-11.9660, -3.4060

Harmonies

Analogous

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



150.9430, -66.8880, -32.2960



134.3130, -117.7800, -35.0920



150.1890, -93.1630, -13.1550

Triad

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



134.3130, -117.7800, -35.0920



175.9330, 20.4430, 31.5070



168.6090, 37.0490, -16.1590

Complementary

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



134.3130, -117.7800, -35.0920



70.6870, 117.7800, 35.0920

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.



171.6040, 53.7810, -0.0030



134.3130, -117.7800, -35.0920



174.8140, 45.5230, 28.5230

Square

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



134.3130, -117.7800, -35.0920



173.8670, -14.7220, 24.5260



173.1830, 57.1250, 16.4930



165.3280, 9.6790, -26.7450

Rectangle

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



134.3130, -117.7800, -35.0920



161.1480, -67.5820, 2.3220



173.1830, 57.1250, 16.4930



169.7780, 44.0630, -11.1130

Sweetspot

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



134.3130, -117.7800, -35.0920



228.7540, -43.6460, -12.9740



121.9310, -60.8690, -102.8610



111.8980, -26.3160, -7.6600



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.



134.3130, -117.7800, -35.0920



167.0150, -146.4800, -43.6000



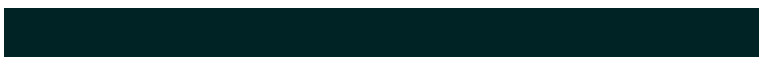
75.6130, -90.2800, 17.2080



98.4230, -5.6850, -1.5970



108.7350, -95.3610, -28.3930



24.8770, -21.8230, -6.4870

Inverse Universe

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



82.8410, 61.5110, 102.2390



103.0350, 76.5450, 127.1450



129.3870, 90.2800, -17.2080



96.0160, 3.0710, 4.9190



67.0760, 49.8230, 82.7750



15.3520, 11.4130, 18.9410

Previews

White Background



This preview shows how the YIQ color 134.3130, -117.7800, -35.0920 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 134.3130, -117.7800, -35.0920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

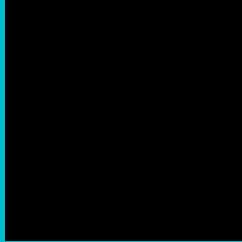
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

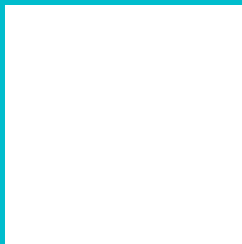
Any Text WCAG AAA ✓ Pass

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

YIQ 134.3130, -117.7800, -35.0920 Background



This preview shows how black text looks on a background with the YIQ color 134.3130, -117.7800, -35.0920.



This preview shows how white text looks on a background with the YIQ color 134.3130, -117.7800, -35.0920.

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

134.3130, -117.7800, -35.0920

Protanopia

170.9100, -8.2540, 6.4180

Deuteranopia

171.6030, -14.3990, 13.1610



Tritanopia

134.3130, -117.7800, -35.0920

Trichromacy



Original Color

134.3130, -117.7800, -35.0920

Protanomaly

157.3500, -48.1400, -8.6200

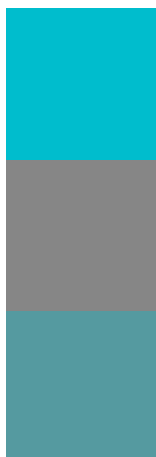
Deuteranomaly

158.1310, -51.7170, -4.3650

Tritanomaly

134.3130, -117.7800, -35.0920

Monochromacy



Original Color

134.3130, -117.7800, -35.0920

Achromatopsia

134.0000, -0.0000, -0.0000

Achromatomaly

134.0530, -43.0500, -12.7620

CSS Examples

Text

The CSS property to change the color of the text to YIQ 134.3130, -117.7800, -35.0920 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, 189, 205)` looks like.

```
.text, #text, p{  
    color:rgb(0, 189, 205)  
}
```

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, 189, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 189, 205) }
```

Border

The CSS property to change the border of an element to YIQ 134.3130, -117.7800, -35.0920 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, 189, 205) }
```


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

```
.border{ border-color:rgb(0, 189, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 189, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 189, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 189, 205);  
box-shadow:4px 4px 4px 4px rgb(0, 189,  
205) }
```

Background

The CSS property to change the background color of an element to YIQ 134.3130, -117.7800, -35.0920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 189, 205) }
```

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

```
.background{ background-color: rgb(0, 189,  
205) }
```

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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