

Converting Colors

YIQ(120.3250, -99.7180,
-21.0140)

Have a look what the booklet for
YIQ(120.3250, -99.7180, -21.0140)
contains.

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Color

**YIQ(120.3250, -99.7180,
-21.0140)**

Conversions

Conversions Part 1

Format	Color
Hex	0CA1C3
RGB	12, 161, 195
RGB Percent	5%, 63%, 76%
CMY	0.9531, 0.3684, 0.2357
CMYK	0.94, 0.17, 0.00, 0.24
HSL	191°, 88%, 41%
HSV	191°, 94%, 76%
XYZ	22.7444, 29.5245, 56.0660
YIQ	120.3250, -99.7180, -21.0140

Conversions

Conversions Part 2

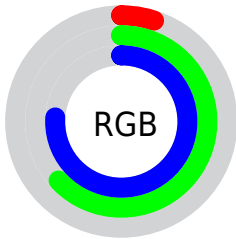
Format	Color
R_{YB}	12, 94, 195
Decimal	827843
CIE _{Lab}	61.24, -22.52, -27.13
CIE _{LCh}	61, 35.257, 230.304
Yxy	29.5245, 0.2099, 0.2725
Android (android.graphics.Color)	4279017923 (0xFF0CA1C3)
YUV	120.3250, 36.8148, -95.0010
Hunter-Lab	54.3364, -20.3713, -23.1417

Details

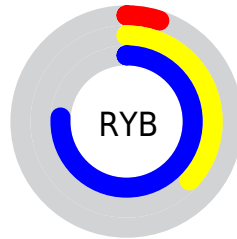
The YIQ color **120.3250, -99.7180, -21.0140** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **86.6750, 99.7180, 21.0140**, and the grayscale version is **120.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **185.7190, -80.0960, -13.1840**, and **80.0570, -75.2360, -13.1560** is the 20% darker color. If you saturate the color by 10%, you get **115.5630, -106.3200, -22.5120**, and if you desaturate by 10%, it is **128.3540, -89.4940, -19.0780**.

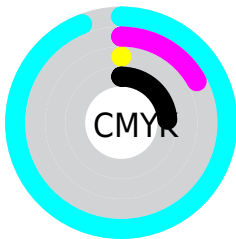
Distribution



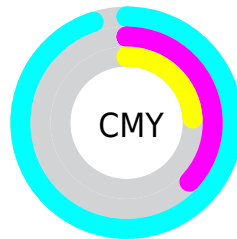
- Red (5%)
- Green (63%)
- Blue (76%)



- Red (5%)
- Yellow (37%)
- Blue (76%)



- Cyan (94%)
- Magenta (17%)
- Yellow (0%)
- Black (24%)



- Cyan (95%)
- Magenta (37%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 120.3250, -99.7180, -21.0140 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 120.3250, -99.7180, -21.0140 by changing the saturation by 10% instead.

■ 120.3250,
-99.7180, -21.0140

■ 120.3250,
-99.7180, -21.0140

■ 255.0000, -0.0000,
-0.0000

■ 98.3970, -91.0530,
-18.3570

■ 185.7190,
-80.0960, -13.1840

■ 80.0570, -75.2360,
-13.1560

■ 212.6520,
-69.9620, -20.6340

■ 63.0050, -60.2900,
-8.6900

■ 227.4920,
-54.8320, -19.5040

■ 46.1810, -45.9860,
-3.6020

■ 236.7610,
-36.3560, -12.9320

■ 30.5310, -32.2320,
0.4400

■ 246.0300,
-17.8800, -6.3600

■ 12.1740, -17.7450,
7.7190

■ 3.3230, -7.9790,

6.9410

■ 0.0000, 0.0000,
0.0000

■ 120.3250,
-99.7180, -21.0140

■ 120.3250,
-99.7180, -21.0140

■ 115.5630,
-106.3200, -22.5120

■ 128.3540,
-89.4940, -19.0780

■ 136.0950,
-78.3990, -16.4070

■ 144.1240,
-68.1750, -14.4710

■ 151.8650,
-57.0800, -11.8000

■ 159.8940,
-46.8560, -9.8640

■ 168.2220,
-36.0360, -7.7160

■ 175.6640,
-25.5370, -5.2570

■ 183.9920,
-14.7170, -3.1090

■ 191.4340, -4.2180,
-0.6500

Harmonies

Analogous

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



117.2140, -95.4520, -32.2520



120.3250, -99.7180, -21.0140



139.0410, -59.9710, 2.0530

Triad

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



120.3250, -99.7180, -21.0140



151.3120, 35.2530, 27.4210



143.7960, 17.2890, -21.4870

Complementary

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



120.3250, -99.7180, -21.0140



86.6750, 99.7180, 21.0140

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.



146.0810, 38.8360, -9.9960



120.3250, -99.7180, -21.0140



149.8710, 49.3760, 19.2640

Square

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



120.3250, -99.7180, -21.0140



151.8390, 8.8440, 26.9560



148.4990, 49.8830, 4.5630



139.3070, -12.1910, -26.8710

Rectangle

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



120.3250, -99.7180, -21.0140



145.9950, -35.9940, 13.5580



148.4990, 49.8830, 4.5630



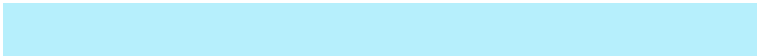
144.5090, 25.5870, -17.6850

Sweetspot

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



120.3250, -99.7180, -21.0140



223.4390, -38.1450, -8.0410



123.1830, -60.9180, -85.4460



109.5610, -23.7490, -4.6210



0.0000, 0.0000, 0.0000



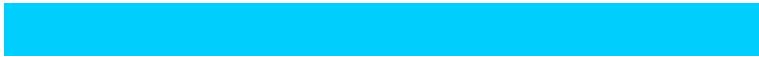
128.0000, -0.0000, -0.0000

Same Dimension

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



120.3250, -99.7180, -21.0140



149.6500, -137.5420, -29.3660



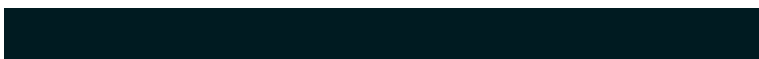
66.9080, -74.6930, 26.5790



92.8360, -5.4100, -1.0740



95.2510, -87.7060, -18.4420



19.6110, -18.0180, -3.8580

Inverse Universe

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



83.7030, 61.2390, 85.1350



98.8320, 84.0660, 117.4900



140.0920, 74.6930, -26.5790



90.9020, 3.3920, 4.6080



63.0730, 53.9050, 74.8730



12.9450, 11.0010, 15.3930

Previews

White Background



This preview shows how the YIQ color 120.3250, -99.7180, -21.0140 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 120.3250, -99.7180, -21.0140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

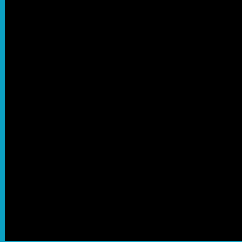
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 120.3250, -99.7180, -21.0140 Background



This preview shows how black text looks on a background with the YIQ color 120.3250, -99.7180, -21.0140.

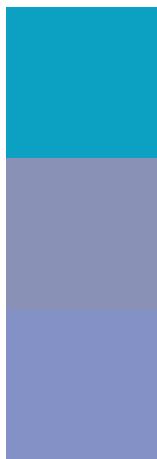


This preview shows how white text looks on a background with the YIQ color 120.3250, -99.7180, -21.0140.

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

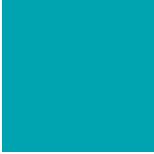
120.3250, -99.7180, -21.0140

Protanopia

147.2390, -16.3700, 10.3340

Deuteranopia

147.2690, -25.0820, 14.0380



Tritanopia

115.7450, -101.3210, -30.5130

Trichromacy



Original Color

120.3250, -99.7180, -21.0140

Protanomaly

137.4630, -46.7200, -1.3120

Deuteranomaly

137.5210, -52.6350, 1.2610

Tritanomaly

117.1520, -100.9090, -26.9650

Monochromacy



Original Color

120.3250, -99.7180, -21.0140

Achromatopsia

120.0000, -0.0000, -0.0000

Achromatomaly

120.2220, -36.0360, -7.7160

CSS Examples

Text

The CSS property to change the color of the text to YIQ 120.3250, -99.7180, -21.0140 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(12, 161, 195)` looks like.

```
.text, #text, p{  
    color:rgb(12, 161, 195)  
}
```

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(12, 161, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 161, 195) }
```

Border

The CSS property to change the border of an element to YIQ 120.3250, -99.7180, -21.0140 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(12, 161, 195) }
```


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

```
.border{ border-color:rgb(12, 161, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 161, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 161, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 161, 195);  
box-shadow:4px 4px 4px 4px rgb(12, 161,  
195) }
```

Background

The CSS property to change the background color of an element to YIQ 120.3250, -99.7180, -21.0140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 161, 195) }
```

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

```
.background{ background-color: rgb(12, 161,  
195) }
```

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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