

Converting Colors

YIQ(112.7590, -103.9360,
-21.6640)

Have a look what the booklet for
YIQ(112.7590, -103.9360, -21.6640)
contains.

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Color

**YIQ(112.7590, -103.9360,
-21.6640)**

Conversions

Conversions Part 1

Format	Color
Hex	009BBF
RGB	0, 155, 191
RGB Percent	0%, 61%, 75%
CMY	0.9998, 0.3919, 0.2514
CMYK	1.00, 0.19, 0.00, 0.25
HSL	191°, 100%, 37%
HSV	191°, 100%, 75%
XYZ	21.1238, 27.2211, 53.3663
YIQ	112.7590, -103.9360, -21.6640

Conversions

Conversions Part 2

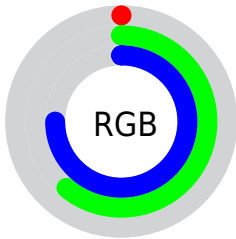
Format	Color
RYB	0, 86, 191
Decimal	39871
CIELab	59.18, -21.18, -28.07
CIELCh	59, 35.165, 232.963
Yxy	27.2211, 0.2077, 0.2676
Android (android.graphics.Color)	4278229951 (0xFF009BBF)
YUV	112.7590, 38.5728, -98.8896
Hunter-Lab	52.1738, -19.0341, -24.1235

Details

The YIQ color **112.7590, -103.9360, -21.6640** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **78.2410, 103.9360, 21.6640**, and the grayscale version is **112.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **180.4310, -79.2250, -12.4490**, and **76.6660, -72.5770, -11.7850** is the 20% darker color. If you saturate the color by 10%, you get **112.7590, -103.9360, -21.6640**, and if you desaturate by 10%, it is **120.7880, -93.7120, -19.7280**.

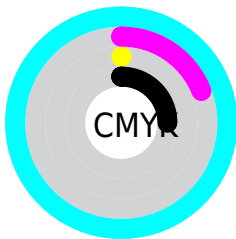
Distribution



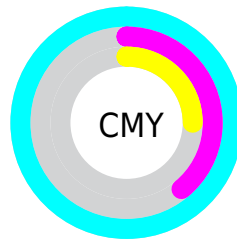
- Red (0%)
- Green (61%)
- Blue (75%)



- Red (0%)
- Yellow (34%)
- Blue (75%)



- Cyan (100%)
- Magenta (19%)
- Yellow (0%)
- Black (25%)



- Cyan (100%)
- Magenta (39%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 112.7590, -103.9360, -21.6640 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 112.7590, -103.9360, -21.6640 by changing the saturation by 10% instead.

■ 112.7590,
-103.9360, -21.6640

■ 112.7590,
-103.9360, -21.6640

■ 255.0000, -0.0000,
-0.0000

■ 94.4190, -88.1190,
-16.4630

■ 180.4310,
-79.2250, -12.4490

■ 76.6660, -72.5770,
-11.7850

■ 207.3470,
-70.4210, -17.8210

■ 59.1410, -57.6770,
-6.4850

■ 226.5950,
-56.6200, -20.1400

■ 42.7900, -43.3270,
-2.2310

■ 235.5650,
-38.7400, -13.7800

■ 27.8410, -30.1690,
1.5990

■ 244.8340,
-20.2640, -7.2080

■ 6.5490, -14.3070,
11.4930

■ 253.8040, -2.3840,

■ 2.8670, -6.6950,

-0.8480

5.6970

■ 0.0000, 0.0000,
0.0000

■ 112.7590,
-103.9360, -21.6640

■ 120.7880,
-93.7120, -19.7280

■ 128.2300,
-83.2130, -17.2690

■ 136.2590,
-72.9890, -15.3330

■ 143.7010,
-62.4900, -12.8740

■ 151.7300,
-52.2660, -10.9380

■ 160.0580,
-41.4460, -8.7900

■ 167.5000,
-30.9470, -6.3310

■ 175.5290,
-20.7230, -4.3950

■ 182.9710,
-10.2240, -1.9360

Harmonies

Analogous

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



112.1430, -96.6900, -31.8420



112.7590, -103.9360, -21.6640



134.5360, -56.9910, 3.1130

Triad

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



112.7590, -103.9360, -21.6640



145.9700, 36.2160, 26.4880



137.7140, 14.5840, -22.0240

Complementary

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



112.7590, -103.9360, -21.6640



78.2410, 103.9360, 21.6640

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.



140.7710, 36.7730, -11.1550



112.7590, -103.9360, -21.6640



143.9310, 49.1470, 17.9070

Square

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



112.7590, -103.9360, -21.6640



146.5080, 11.2740, 26.9700



142.6730, 49.3330, 3.5170



133.3390, -15.2170, -27.0970

Rectangle

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



112.7590, -103.9360, -21.6640



141.3760, -32.6930, 14.3070



142.6730, 49.3330, 3.5170



138.9000, 22.9280, -19.0560

Sweetspot

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



112.7590, -103.9360, -21.6640



216.6560, -40.2540, -8.3660



116.1070, -63.7600, -89.0080



106.8490, -24.6200, -5.3560



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



112.7590, -103.9360, -21.6640



146.1450, -134.5620, -28.3060



56.9940, -77.8110, 28.0210



90.7220, -5.0890, -1.3850



93.1480, -85.9180, -17.8060



18.2090, -16.8260, -3.4340

Inverse Universe

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



74.7790, 64.0810, 88.6970



96.7670, 82.6910, 114.8750



133.4190, 78.0860, -27.4980



88.6030, 2.7960, 4.3960



61.8340, 53.0800, 73.3040



12.1190, 10.4510, 14.3470

Previews

White Background



This preview shows how the YIQ color 112.7590, -103.9360, -21.6640 looks on a white background.

Color Contrast Check

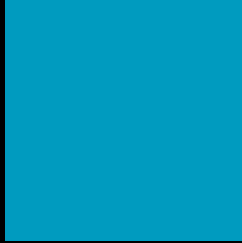
Large Text (above 18pt) WCAG AA ✓ Pass

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 112.7590, -103.9360, -21.6640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

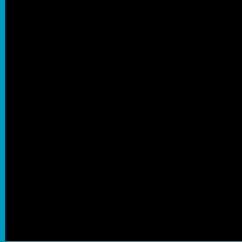
Any Text WCAG AA ✓ Pass

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 112.7590, -103.9360, -21.6640 Background



This preview shows how black text looks on a background with the YIQ color 112.7590, -103.9360, -21.6640.

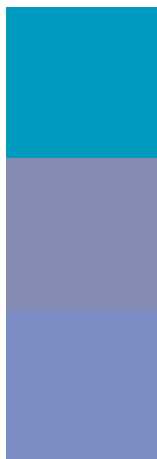


This preview shows how white text looks on a background with the YIQ color 112.7590, -103.9360, -21.6640.

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

112.7590, -103.9360, -21.6640

Protanopia

142.1680, -17.6080, 10.7440

Deuteranopia

141.6710, -26.2740, 13.6140



Tritanopia

112.1260, -98.0200, -29.7640

Trichromacy



Original Color

112.7590, -103.9360, -21.6640

Protanomaly

131.2070, -48.8750, -0.8030

Deuteranomaly

131.0370, -54.1480, 1.1480

Tritanomaly

112.4510, -100.3130, -26.7530

Monochromacy



Original Color

112.7590, -103.9360, -21.6640

Achromatopsia

113.0000, -0.0000, 0.0000

Achromatomaly

112.7380, -37.5490, -7.8290

CSS Examples

Text

The CSS property to change the color of the text to YIQ 112.7590, -103.9360, -21.6640 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, 155, 191)` looks like.

```
.text, #text, p{  
    color:rgb(0, 155, 191)  
}
```

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, 155, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 155, 191) }
```

Border

The CSS property to change the border of an element to YIQ 112.7590, -103.9360, -21.6640 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, 155, 191) }
```


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

```
.border{ border-color:rgb(0, 155, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 155, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 155, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 155, 191);  
box-shadow:4px 4px 4px 4px rgb(0, 155,  
191) }
```

Background

The CSS property to change the background color of an element to YIQ 112.7590, -103.9360, -21.6640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 155, 191) }
```

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

```
.background{ background-color: rgb(0, 155,  
191) }
```

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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