

Converting Colors

YIQ(111.6200, -101.3260,
-2.8780)

Have a look what the booklet for
YIQ(111.6200, -101.3260, -2.8780)
contains.

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Color

**YIQ(111.6200, -101.3260,
-2.8780)**

Conversions

Conversions Part 1

Format	Color
Hex	0D8DDB
RGB	13, 141, 219
RGB Percent	5%, 55%, 86%
CMY	0.9491, 0.4468, 0.1416
CMYK	0.94, 0.36, 0.00, 0.14
HSL	203°, 89%, 45%
HSV	203°, 94%, 86%
XYZ	22.4685, 24.2590, 70.4347
YIQ	111.6200, -101.3260, -2.8780

Conversions

Conversions Part 2

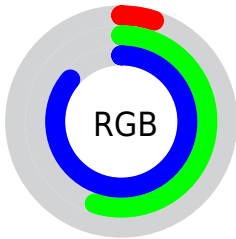
Format	Color
RYB	13, 92, 219
Decimal	888283
CIELab	56.35, -2.68, -48.24
CIELCh	56, 48.310, 266.822
Yxy	24.2590, 0.1918, 0.2071
Android (android.graphics.Color)	4279078363 (0xFF0D8DDB)
YUV	111.6200, 52.9383, -86.4897
Hunter-Lab	49.2534, -4.7651, -50.3100

Details

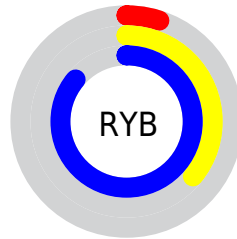
The YIQ color **111.6200, -101.3260, -2.8780** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **120.3800, 101.3260, 2.8780**, and the grayscale version is **111.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **174.3430, -72.6250, 0.1030**, and **71.9990, -77.3480, 3.1000** is the 20% darker color. If you saturate the color by 10%, you get **104.7980, -107.6990, -3.0190**, and if you desaturate by 10%, it is **122.8940, -90.4140, -2.3980**.

Distribution



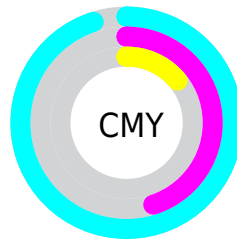
- Red (5%)
- Green (55%)
- Blue (86%)



- Red (5%)
- Yellow (36%)
- Blue (86%)



- Cyan (94%)
- Magenta (36%)
- Yellow (0%)
- Black (14%)



- Cyan (95%)
- Magenta (45%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 111.6200, -101.3260, -2.8780 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 111.6200, -101.3260, -2.8780 by changing the saturation by 10% instead.

■ 111.6200,
-101.3260, -2.8780

■ 111.6200,
-101.3260, -2.8780

■ 255.0000, -0.0000,
-0.0000

■ 89.8660, -93.2110,
-1.2670

■ 174.3430,
-72.6250, 0.1030

■ 71.9990, -77.3480,
3.1000

■ 200.3470,
-61.2530, -7.7570

■ 55.5340, -62.6770,
7.0430

■ 226.9380,
-50.1560, -16.1400

■ 40.2430, -48.5560,
9.9400

■ 238.2560,
-33.3760, -11.8720

■ 25.6530, -35.0310,
12.6250

■ 247.5250,
-14.9000, -5.3000

■ 10.5900, -21.5520,
16.1440

■ 6.2070, -13.3440,

10.5600

■ 2.5250, -5.7320,
4.7640

■ 0.0000, 0.0000,
0.0000

■ 111.6200,
-101.3260, -2.8780

■ 111.6200,
-101.3260, -2.8780

■ 104.7980,
-107.6990, -3.0190

■ 122.8940,
-90.4140, -2.3980

■ 134.7550,
-79.7770, -2.4410

■ 146.0290,
-68.8650, -1.9610

■ 157.3030,
-57.9530, -1.4810

■ 168.2780,
-47.6370, -1.2130

■ 180.1390,
-37.0000, -1.2560

■ 191.4130,
-26.0880, -0.7760

■ 202.6870,
-15.1760, -0.2960

■ 214.5480, -4.5390,
-0.3390

Harmonies

Analogous

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



112.0070, -107.3300, -15.2180



111.6200, -101.3260, -2.8780



136.4730, -25.1760, 26.7600

Triad

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



111.6200, -101.3260, -2.8780



134.6620, 66.2020, 22.6980



118.8760, -30.3910, -38.4470

Complementary

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



111.6200, -101.3260, -2.8780



120.3800, 101.3260, 2.8780

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.



127.0910, 14.5400, -32.2440



111.6200, -101.3260, -2.8780



133.5080, 62.8590, 0.6750

Square

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



111.6200, -101.3260, -2.8780



136.0910, 52.3530, 36.9050



130.6930, 45.4400, -19.5520



106.2780, -84.3090, -41.4690

Rectangle

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



111.6200, -101.3260, -2.8780



139.1520, 6.8250, 36.0170



130.6930, 45.4400, -19.5520



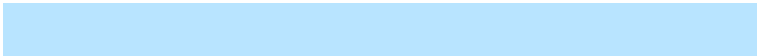
122.6130, -13.4730, -36.6810

Sweetspot

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



111.6200, -101.3260, -2.8780



217.9220, -34.8910, -0.9310



142.4720, -80.7250, -84.4130



104.8650, -21.5490, -0.4370



0.0000, 0.0000, 0.0000



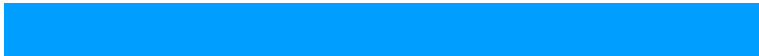
128.0000, -0.0000, -0.0000

Same Dimension

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



111.6200, -101.3260, -2.8780



122.4030, -125.5800, -3.8520



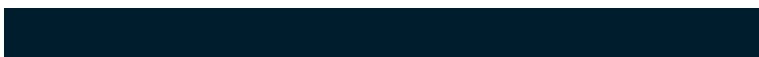
52.3330, -73.5510, 49.9450



104.3630, -5.4560, -0.2400



83.1180, -85.2330, -2.6810



22.2670, -22.7410, -0.8610

Inverse Universe

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



89.1860, 81.6880, 83.4800



94.3710, 100.9410, 103.5090



179.0800, 73.8260, -49.4220



103.0870, 4.3090, 4.5090



64.0390, 68.4400, 70.2640



17.0600, 18.1070, 18.7710

Previews

White Background



This preview shows how the YIQ color 111.6200, -101.3260, -2.8780 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 111.6200, -101.3260, -2.8780 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

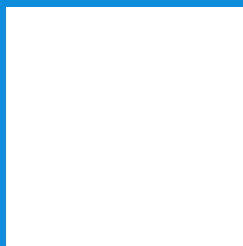
Any Text WCAG AAA × Fail

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

YIQ 111.6200, -101.3260, -2.8780 Background



This preview shows how black text looks on a background with the YIQ color 111.6200, -101.3260, -2.8780.



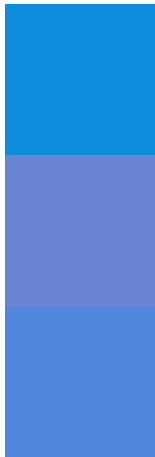
This preview shows how white text looks on a background with the YIQ color 111.6200, -101.3260, -2.8780.

-2.8780.

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

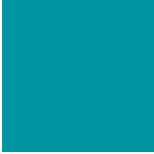
111.6200, -101.3260, -2.8780

Protanopia

132.8190, -41.1300, 18.5340

Deuteranopia

128.2450, -60.0650, 14.7750



Tritanopia

105.7030, -92.3350, -28.1670

Trichromacy



Original Color

111.6200, -101.3260, -2.8780

Protanomaly

125.0550, -62.5860, 10.9020

Deuteranomaly

122.2430, -74.9190, 8.6410

Tritanomaly

107.8310, -95.2710, -19.0070

Monochromacy



Original Color

111.6200, -101.3260, -2.8780

Achromatopsia

112.0000, -0.0000, 0.0000

Achromatomaly

112.1390, -37.0000, -1.2560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 111.6200, -101.3260, -2.8780 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(13, 141, 219)` looks like.

```
.text, #text, p{  
    color:rgb(13, 141, 219)  
}
```

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(13, 141, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 141, 219) }
```

Border

The CSS property to change the border of an element to YIQ 111.6200, -101.3260, -2.8780 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(13, 141, 219) }
```


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

```
.border{ border-color:rgb(13, 141, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(13, 141, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 141, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 141, 219);  
box-shadow:4px 4px 4px 4px rgb(13, 141,  
219) }
```

Background

The CSS property to change the background color of an element to YIQ 111.6200, -101.3260, -2.8780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 141, 219) }
```

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

```
.background{ background-color: rgb(13, 141,  
219) }
```

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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