

Converting Colors

YIQ(129.4280, -92.3380,
-11.5860)

Have a look what the booklet for
YIQ(129.4280, -92.3380, -11.5860)
contains.

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Color

**YIQ(129.4280, -92.3380,
-11.5860)**

Conversions

Conversions Part 1

Format	Color
Hex	22A2D4
RGB	34, 162, 212
RGB Percent	13%, 64%, 83%
CMY	0.8669, 0.3645, 0.1690
CMYK	0.84, 0.24, 0.00, 0.17
HSL	197°, 72%, 48%
HSV	197°, 84%, 83%
XYZ	25.4579, 30.9468, 66.8506
YIQ	129.4280, -92.3380, -11.5860

Conversions

Conversions Part 2

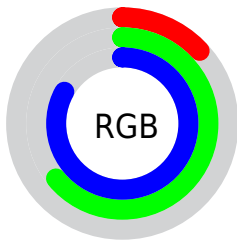
Format	Color
RYB	34, 108, 212
Decimal	2269908
CIELab	62.46, -15.90, -34.70
CIELCh	62, 38.173, 245.388
Yxy	30.9468, 0.2065, 0.2511
Android (android.graphics.Color)	4280459988 (0xFF22A2D4)
YUV	129.4280, 40.7080, -83.6904
Hunter-Lab	55.6299, -15.6654, -32.3081

Details

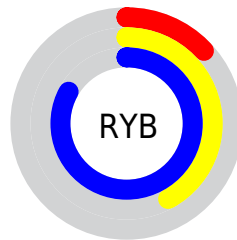
The YIQ color **129.4280, -92.3380, -11.5860** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle washed azure. A complement of this color would be **116.5720, 92.3380, 11.5860**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.6380, -75.3740, -10.6540**, and **82.4680, -80.6470, -8.7030** is the 20% darker color. If you saturate the color by 10%, you get **119.6270, -103.2040, -12.9000**, and if you desaturate by 10%, it is **139.2290, -81.4720, -10.2720**.

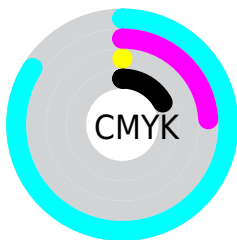
Distribution



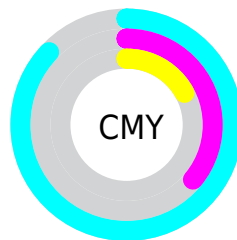
- Red (13%)
- Green (64%)
- Blue (83%)



- Red (13%)
- Yellow (42%)
- Blue (83%)



- Cyan (84%)
- Magenta (24%)
- Yellow (0%)
- Black (17%)



- Cyan (87%)
- Magenta (36%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 129.4280, -92.3380, -11.5860 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 129.4280, -92.3380, -11.5860 by changing the saturation by 10% instead.

■ 129.4280,
-92.3380, -11.5860

■ 129.4280,
-92.3380, -11.5860

■ 255.0000, -0.0000,
-0.0000

■ 100.8080,
-96.4640, -13.9040

■ 189.6380,
-75.3740, -10.6540

■ 82.4680, -80.6470,
-8.7030

■ 215.6420,
-64.0020, -18.5140

■ 65.4160, -65.7010,
-4.2370

■ 230.4820,
-48.8720, -17.3840

■ 48.9510, -51.0300,
-0.2940

■ 239.7510,
-30.3960, -10.8120

■ 33.3010, -37.2760,
3.7480

■ 249.0200,
-11.9200, -4.2400

■ 18.3520, -24.1180,
7.5780

■ 5.2780, -12.1060,

10.1500

■ 1.2540, -3.5310,
3.4210

■ 0.0000, 0.0000,
0.0000

■ 129.4280,
-92.3380, -11.5860

■ 129.4280,
-92.3380, -11.5860

■ 119.6270,
-103.2040, -12.9000

■ 139.2290,
-81.4720, -10.2720

■ 113.9790,
-110.1270, -14.0870

■ 149.0300,
-70.6060, -8.9580

■ 159.1300,
-59.1440, -7.4320

■ 168.9310,
-48.2780, -6.1180

■ 178.7320,
-37.4120, -4.8040

■ 188.5330,
-26.5460, -3.4900

■ 198.3340,
-15.6800, -2.1760

■ 208.1350, -4.8140,
-0.8620

■ 217.6480, 6.9230,
1.1870

Harmonies

Analogous

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



120.1620, -106.8690, -29.0850



129.4280, -92.3380, -11.5860



146.9660, -46.2180, 11.6220

Triad

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



129.4280, -92.3380, -11.5860



153.7170, 47.1740, 26.1340



144.3920, 3.6270, -27.1970

Complementary

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



129.4280, -92.3380, -11.5860



116.5720, 92.3380, 11.5860

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.



147.9180, 31.6850, -18.0670



129.4280, -92.3380, -11.5860



151.8190, 55.1540, 13.6660

Square

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



129.4280, -92.3380, -11.5860



155.4450, 24.7530, 30.4890



150.4570, 49.7010, -3.1550



138.2490, -32.6390, -30.7430

Rectangle

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



129.4280, -92.3380, -11.5860



152.6490, -20.0400, 21.7840



150.4570, 49.7010, -3.1550



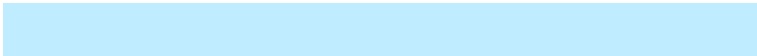
145.5350, 13.5300, -24.9500

Sweetspot

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



129.4280, -92.3380, -11.5860



225.2980, -33.1940, -4.1540



143.8440, -64.0370, -78.4770



109.8820, -20.2190, -2.5150



0.0000, 0.0000, 0.0000



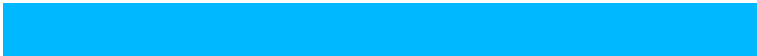
128.0000, -0.0000, -0.0000

Same Dimension

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



129.4280, -92.3380, -11.5860



137.0780, -132.4550, -16.9270



78.3590, -68.4130, 33.9150



101.9500, -5.7310, -0.7630



91.6950, -88.7160, -11.1480



23.0990, -22.3280, -2.8400

Inverse Universe

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



101.8140, 65.0000, 77.5440



97.2210, 92.9160, 111.2840



167.0540, 68.6880, -33.3920



100.2010, 3.9880, 4.8200



65.1510, 62.4330, 74.5050



16.3910, 15.6770, 18.7570

Previews

White Background



This preview shows how the YIQ color 129.4280, -92.3380, -11.5860 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 129.4280, -92.3380, -11.5860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

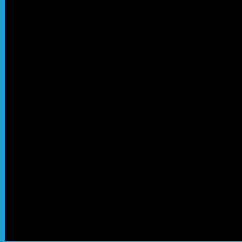
Any Text WCAG AA ✓ Pass

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 129.4280, -92.3380, -11.5860 Background



This preview shows how black text looks on a background with the YIQ color 129.4280, -92.3380, -11.5860.



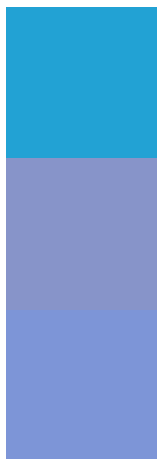
This preview shows how white text looks on a background with the YIQ color 129.4280, -92.3380, -11.5860.

-11.5860.

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

129.4280, -92.3380, -11.5860

Protanopia

150.1550, -24.7610, 13.7270

Deuteranopia

149.3480, -35.4900, 15.4380



Tritanopia

118.5490, -103.7050, -31.3610

Trichromacy



Original Color

129.4280, -92.3380, -11.5860

Protanomaly

142.4830, -49.4720, 4.5120

Deuteranomaly

142.3020, -56.2120, 5.5160

Tritanomaly

122.3310, -99.8550, -24.0390

Monochromacy



Original Color

129.4280, -92.3380, -11.5860

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

128.9990, -33.7900, -4.3660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 129.4280, -92.3380, -11.5860 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(34, 162, 212)` looks like.

```
.text, #text, p{  
    color:rgb(34, 162, 212)  
}
```

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(34, 162, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 162, 212) }
```

Border

The CSS property to change the border of an element to YIQ 129.4280, -92.3380, -11.5860 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(34, 162, 212) }
```


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

```
.border{ border-color:rgb(34, 162, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 162, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 162, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 162, 212);  
box-shadow:4px 4px 4px 4px rgb(34, 162,  
212) }
```

Background

The CSS property to change the background color of an element to YIQ 129.4280, -92.3380, -11.5860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 162, 212) }
```

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

```
.background{ background-color: rgb(34, 162,  
212) }
```

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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