

Converting Colors

YIQ(126.2890, -117.2320,
-22.9920)

Have a look what the booklet for
YIQ(126.2890, -117.2320, -22.9920)
contains.

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Color

**YIQ(126.2890, -117.2320,
-22.9920)**

Conversions

Conversions Part 1

Format	Color
Hex	00ADD9
RGB	0, 173, 217
RGB Percent	0%, 68%, 85%
CMY	0.9998, 0.3213, 0.1495
CMYK	1.00, 0.20, 0.00, 0.15
HSL	192°, 100%, 43%
HSV	192°, 100%, 85%
XYZ	27.4654, 34.9182, 70.8511
YIQ	126.2890, -117.2320, -22.9920

Conversions

Conversions Part 2

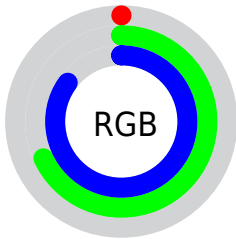
Format	Color
RYB	0, 96, 217
Decimal	44505
CIELab	65.68, -21.53, -32.47
CIELCh	66, 38.963, 236.458
Yxy	34.9182, 0.2061, 0.2621
Android (android.graphics.Color)	4278234585 (0xFF00ADD9)
YUV	126.2890, 44.7205, -110.7555
Hunter-Lab	59.0916, -20.4449, -29.7248

Details

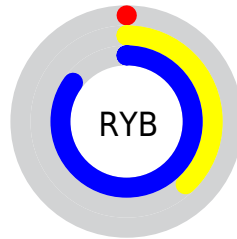
The YIQ color **126.2890, -117.2320, -22.9920** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **90.7110, 117.2320, 22.9920**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.5890, -82.8460, -18.4140**, and **88.9080, -85.0020, -12.3780** is the 20% darker color. If you saturate the color by 10%, you get **126.2890, -117.2320, -22.9920**, and if you desaturate by 10%, it is **135.2150, -105.2200, -20.4200**.

Distribution



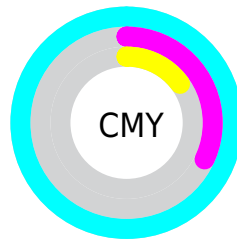
- Red (0%)
- Green (68%)
- Blue (85%)



- Red (0%)
- Yellow (38%)
- Blue (85%)



- Cyan (100%)
- Magenta (20%)
- Yellow (0%)
- Black (15%)



- Cyan (100%)
- Magenta (32%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 126.2890, -117.2320, -22.9920 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 126.2890, -117.2320, -22.9920 by changing the saturation by 10% instead.

■ 126.2890,
-117.2320, -22.9920

■ 126.2890,
-117.2320, -22.9920

■ 255.0000, -0.0000,
-0.0000

■ 107.2480,
-100.8190, -17.5790

■ 194.5890,
-82.8460, -18.4140

■ 89.4950, -85.2770,
-12.9010

■ 219.7180,
-70.3280, -25.0160

■ 71.7420, -69.7350,
-8.2230

■ 229.2860,
-51.2560, -18.2320

■ 54.8040, -55.1100,
-3.4460

■ 238.5550,
-32.7800, -11.6600

■ 38.4530, -40.7600,
0.8080

■ 247.8240,
-14.3040, -5.0880

■ 24.6780, -28.1520,
3.5920

■ 6.3210, -13.6650,

10.8710

■ 2.5250, -5.7320,
4.7640

■ 0.0000, 0.0000,
0.0000

■ 126.2890,
-117.2320, -22.9920

■ 135.2150,
-105.2200, -20.4200

■ 144.4290,
-94.0790, -18.5830

■ 153.3550,
-82.0670, -16.0110

■ 162.8680,
-70.3300, -13.9620

■ 171.4950,
-58.9140, -11.6020

■ 180.4210,
-46.9020, -9.0300

■ 189.9340,
-35.1650, -6.9810

■ 198.8600,
-23.1530, -4.4090

■ 208.0740,
-12.0120, -2.5720

Harmonies

Analogous

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



125.4450, -109.3440, -33.7920



126.2890, -117.2320, -22.9920



151.6760, -60.2010, 6.2230

Triad

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



126.2890, -117.2320, -22.9920



162.9710, 43.6430, 29.5550



153.8230, 12.6590, -25.6850

Complementary

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



126.2890, -117.2320, -22.9920



90.7110, 117.2320, 22.9920

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.



157.3320, 39.3870, -14.4770



126.2890, -117.2320, -22.9920



161.0520, 56.1160, 18.2600

Square

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



126.2890, -117.2320, -22.9920



163.7800, 16.5000, 31.3800



159.8430, 54.6060, 1.5660



148.4090, -21.4060, -30.5740

Rectangle

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



126.2890, -117.2320, -22.9920



158.8970, -32.6020, 18.1660



159.8430, 54.6060, 1.5660



155.3790, 22.8370, -22.9150

Sweetspot

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



126.2890, -117.2320, -22.9920



223.4710, -41.1710, -8.2670



132.2810, -73.4780, -100.1180



108.3760, -24.6660, -4.5220



0.0000, 0.0000, 0.0000



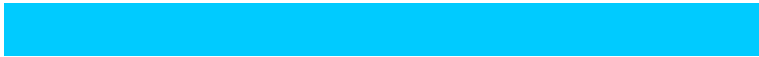
128.0000, -0.0000, -0.0000

Same Dimension

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



126.2890, -117.2320, -22.9920



148.2310, -137.6800, -26.8640



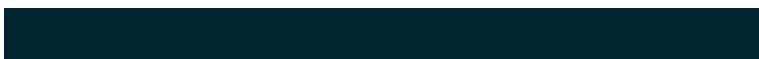
62.8930, -87.5320, 33.4920



104.9500, -5.7310, -0.7630



100.7280, -93.4830, -18.3710



26.9630, -24.9410, -5.0450

Inverse Universe

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



84.6050, 73.7990, 99.8070



99.3870, 86.8170, 117.1930



154.1070, 87.5320, -33.4920



103.2010, 3.9880, 4.8200



67.4590, 58.8100, 79.5940



17.9720, 15.5390, 21.2590

Previews

White Background



This preview shows how the YIQ color 126.2890, -117.2320, -22.9920 looks on a white background.

Color Contrast Check

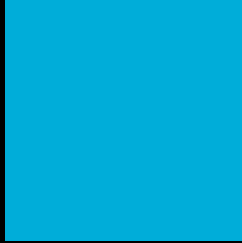
Large Text (above 18pt) WCAG AA × Fail

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 126.2890, -117.2320, -22.9920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

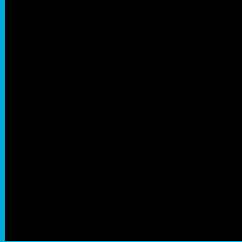
Any Text WCAG AA ✓ Pass

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 126.2890, -117.2320, -22.9920 Background



This preview shows how black text looks on a background with the YIQ color 126.2890, -117.2320, -22.9920.

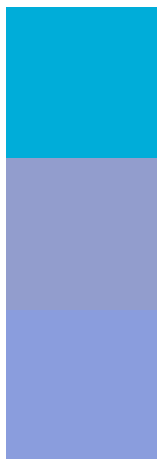


This preview shows how white text looks on a background with the YIQ color 126.2890, -117.2320, -22.9920.

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

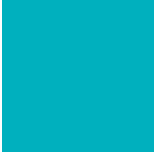
126.2890, -117.2320, -22.9920

Protanopia

159.1830, -21.9640, 12.5960

Deuteranopia

158.6150, -31.8680, 15.8760



Tritanopia

124.9720, -109.3900, -32.9580

Trichromacy



Original Color

126.2890, -117.2320, -22.9920

Protanomaly

147.3140, -56.4860, -0.5340

Deuteranomaly

146.9590, -62.6760, 1.5160

Tritanomaly

125.5250, -112.3250, -29.3250

Monochromacy



Original Color

126.2890, -117.2320, -22.9920

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

125.9870, -42.6840, -8.3800

CSS Examples

Text

The CSS property to change the color of the text to YIQ 126.2890, -117.2320, -22.9920 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, 173, 217)` looks like.

```
.text, #text, p{  
    color:rgb(0, 173, 217)  
}
```

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, 173, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 173, 217) }
```

Border

The CSS property to change the border of an element to YIQ 126.2890, -117.2320, -22.9920 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, 173, 217) }
```


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

```
.border{ border-color:rgb(0, 173, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 173, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(0, 173, 217); -webkit-box-shadow:4px 4px 4px 4px rgb(0, 173, 217); box-shadow:4px 4px 4px 4px rgb(0, 173, 217) }
```

Background

The CSS property to change the background color of an element to YIQ 126.2890, -117.2320, -22.9920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 173, 217) }
```

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

```
.background{ background-color: rgb(0, 173,  
217) }
```

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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