

Converting Colors

YIQ(123.3200, -118.5170,
-16.2210)

Have a look what the booklet for
YIQ(123.3200, -118.5170, -16.2210)
contains.

YIQ(123.3200, -118.5170, -16.2210)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(123.3200, -118.5170,
-16.2210)**

Conversions

Conversions Part 1

Format	Color
Hex	00A6E3
RGB	0, 166, 227
RGB Percent	0%, 65%, 89%
CMY	0.9998, 0.3487, 0.1103
CMYK	1.00, 0.27, 0.00, 0.11
HSL	196°, 100%, 44%
HSV	196°, 100%, 89%
XYZ	27.4958, 32.8366, 77.4665
YIQ	123.3200, -118.5170, -16.2210

Conversions

Conversions Part 2

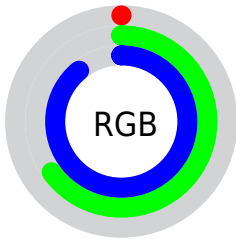
Format	Color
RYB	0, 96, 227
Decimal	42723
CIELab	64.03, -14.27, -40.57
CIELCh	64, 43.001, 250.624
Yxy	32.8366, 0.1995, 0.2383
Android (android.graphics.Color)	4278232803 (0xFF00A6E3)
YUV	123.3200, 51.1142, -108.1516
Hunter-Lab	57.3033, -14.6310, -40.0400

Details

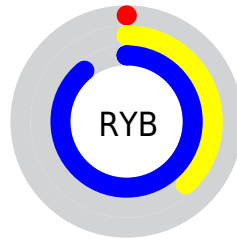
The YIQ color **123.3200, -118.5170, -16.2210** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle washed azure. A complement of this color would be **103.6800, 118.5170, 16.2210**, and the grayscale version is **123.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **190.4910, -79.4540, -13.8060**, and **86.4120, -86.2410, -6.4410** is the 20% darker color. If you saturate the color by 10%, you get **123.3200, -118.5170, -16.2210**, and if you desaturate by 10%, it is **133.7190, -106.4590, -14.4830**.

Distribution



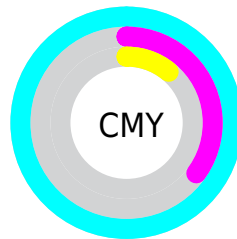
- Red (0%)
- Green (65%)
- Blue (89%)



- Red (0%)
- Yellow (38%)
- Blue (89%)



- Cyan (100%)
- Magenta (27%)
- Yellow (0%)
- Black (11%)



- Cyan (100%)
- Magenta (35%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 123.3200, -118.5170, -16.2210 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 123.3200, -118.5170, -16.2210 by changing the saturation by 10% instead.

■ 123.3200,
-118.5170, -16.2210

■ 123.3200,
-118.5170, -16.2210

■ 255.0000, -0.0000,
-0.0000

■ 104.8660,
-102.3790, -11.3310

■ 190.4910,
-79.4540, -13.8060

■ 86.4120, -86.2410,
-6.4410

■ 217.3810,
-67.7610, -21.9770

■ 69.2460, -70.9740,
-2.2860

■ 229.8840,
-50.0640, -17.8080

■ 52.1940, -56.0280,
2.1800

■ 239.1530,
-31.5880, -11.2360

■ 37.0170, -42.2280,
5.3880

■ 248.4220,
-13.1120, -4.6640

■ 23.1280, -29.2990,
7.8610

■ 7.5920, -15.8660,

12.2140

■ 3.4370, -8.3000,
7.2520

■ 0.0000, 0.0000,
0.0000

■ 123.3200,
-118.5170, -16.2210

■ 133.7190,
-106.4590, -14.4830

■ 143.8190,
-94.9970, -12.9570

■ 154.2180,
-82.9390, -11.2190

■ 164.6170,
-70.8810, -9.4810

■ 174.7170,
-59.4190, -7.9550

■ 185.7030,
-47.6360, -6.7400

■ 196.1020,
-35.5780, -5.0020

■ 206.5010,
-23.5200, -3.2640

■ 216.6010,
-12.0580, -1.7380

Harmonies

Analogous

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



124.8070, -113.0590, -27.0350



123.3200, -118.5170, -16.2210



151.9000, -45.8520, 16.0040

Triad

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



123.3200, -118.5170, -16.2210



157.2620, 55.8850, 27.9570



145.9350, -2.5160, -31.5080

Complementary

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



123.3200, -118.5170, -16.2210



103.6800, 118.5170, 16.2210

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.



150.6850, 30.7230, -22.6610



123.3200, -118.5170, -16.2210



155.4730, 61.9400, 11.8280

Square

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



123.3200, -118.5170, -16.2210



158.9840, 33.6010, 35.3370



153.7900, 52.9570, -7.0990



137.0730, -46.9430, -35.8310

Rectangle

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



123.3200, -118.5170, -16.2210



157.8500, -16.0520, 26.6040



153.7900, 52.9570, -7.0990



147.4480, 9.2210, -29.4590

Sweetspot

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



123.3200, -118.5170, -16.2210



219.9490, -39.5210, -5.1290



140.2030, -82.0060, -99.7500



106.6150, -23.8410, -2.9530



0.0000, 0.0000, 0.0000



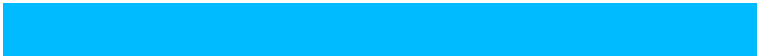
128.0000, -0.0000, -0.0000

Same Dimension

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



123.3200, -118.5170, -16.2210



138.8390, -133.2800, -18.4960



56.9890, -87.4420, 42.8780



106.9500, -5.7310, -0.7630



95.7870, -91.9710, -12.7310



26.0170, -25.0330, -3.3770

Inverse Universe

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



86.7970, 82.0060, 99.7500



97.5630, 91.9530, 112.2170



170.0110, 87.4420, -42.8780



105.2010, 3.9880, 4.8200



67.3300, 63.4870, 77.4310



18.3420, 17.3730, 21.0610

Previews

White Background



This preview shows how the YIQ color 123.3200, -118.5170, -16.2210 looks on a white background.

Color Contrast Check

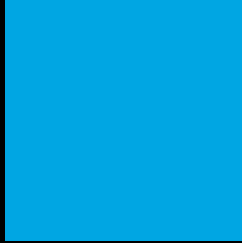
Large Text (above 18pt) WCAG AA × Fail

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 123.3200, -118.5170, -16.2210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

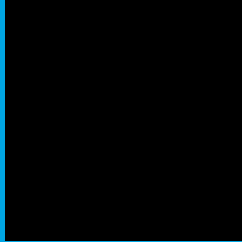
Any Text WCAG AA ✓ Pass

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 123.3200, -118.5170, -16.2210 Background



This preview shows how black text looks on a background with the YIQ color 123.3200, -118.5170, -16.2210.

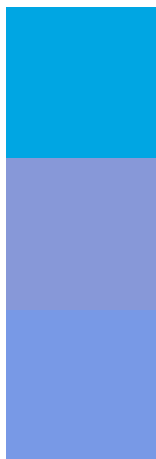


This preview shows how white text looks on a background with the YIQ color 123.3200, -118.5170, -16.2210.

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

123.3200, -118.5170, -16.2210

Protanopia

154.2130, -30.6760, 16.3000

Deuteranopia

151.9110, -44.3850, 16.9510



Tritanopia

121.9400, -106.3640, -32.7320

Trichromacy



Original Color

123.3200, -118.5170, -16.2210

Protanomaly

142.9530, -62.5390, 4.5410

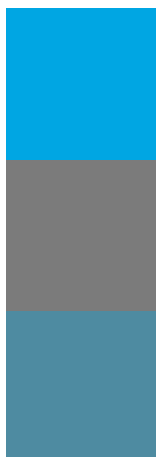
Deuteranomaly

141.5760, -71.6630, 4.6970

Tritanomaly

122.5900, -110.9500, -26.7100

Monochromacy



Original Color

123.3200, -118.5170, -16.2210

Achromatopsia

123.0000, -0.0000, -0.0000

Achromatomaly

123.2690, -43.4180, -6.0900

CSS Examples

Text

The CSS property to change the color of the text to YIQ 123.3200, -118.5170, -16.2210 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, 166, 227)` looks like.

```
.text, #text, p{  
    color:rgb(0, 166, 227)  
}
```

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, 166, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 166, 227) }
```

Border

The CSS property to change the border of an element to YIQ 123.3200, -118.5170, -16.2210 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, 166, 227) }
```


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

```
.border{ border-color:rgb(0, 166, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 166, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 166, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 166, 227);  
box-shadow:4px 4px 4px 4px rgb(0, 166,  
227) }
```

Background

The CSS property to change the background color of an element to YIQ 123.3200, -118.5170, -16.2210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 166, 227) }
```

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

```
.background{ background-color: rgb(0, 166,  
227) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor