

Converting Colors

YIQ(96.5170, -99.5380, -2.2420)

Have a look what the booklet for
YIQ(96.5170, -99.5380, -2.2420)
contains.

YIQ(96.5170, -99.5380, -2.2420)	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(96.5170, -99.5380,
-2.2420)**

Conversions

Conversions Part 1

Format	Color
Hex	007DCB
RGB	0, 125, 203
RGB Percent	0%, 49%, 80%
CMY	0.9998, 0.5096, 0.2044
CMYK	1.00, 0.38, 0.00, 0.20
HSL	203°, 100%, 40%
HSV	203°, 100%, 80%
XYZ	18.1059, 18.9869, 59.1379
YIQ	96.5170, -99.5380, -2.2420

Conversions

Conversions Part 2

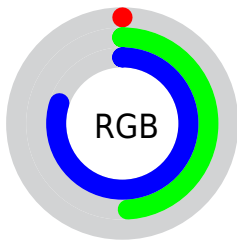
Format	Color
RYB	0, 77, 203
Decimal	32203
CIELab	50.67, 0.32, -48.23
CIELCh	51, 48.229, 270.375
Yxy	18.9869, 0.1882, 0.1973
Android (android.graphics.Color)	4278222283 (0xFF007DCB)
YUV	96.5170, 52.4961, -84.6454
Hunter-Lab	43.5739, -2.0835, -49.9658

Details

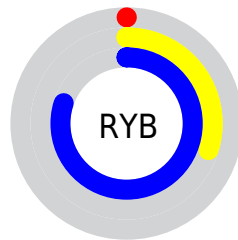
The YIQ color **96.5170, -99.5380, -2.2420** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **106.4830, 99.5380, 2.2420**, and the grayscale version is **96.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **162.2710, -72.1220, 7.5100**, and **62.0710, -68.6830, 5.7570** is the 20% darker color. If you saturate the color by 10%, you get **96.5170, -99.5380, -2.2420**, and if you desaturate by 10%, it is **107.1930, -89.8180, -2.1860**.

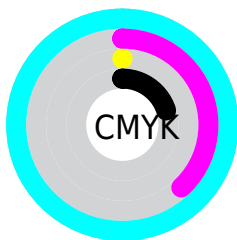
Distribution



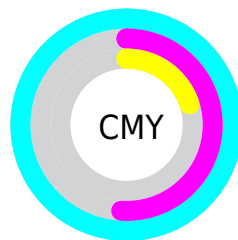
- Red (0%)
- Green (49%)
- Blue (80%)



- Red (0%)
- Yellow (30%)
- Blue (80%)



- Cyan (100%)
- Magenta (38%)
- Yellow (0%)
- Black (20%)



- Cyan (100%)
- Magenta (51%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 96.5170, -99.5380, -2.2420 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 96.5170, -99.5380, -2.2420 by changing the saturation by 10% instead.

■ 96.5170, -99.5380,
-2.2420

■ 96.5170, -99.5380,
-2.2420

■ 255.0000, -0.0000,
-0.0000

■ 78.6500, -83.6750,
2.1250

■ 162.2710,
-72.1220, 7.5100

■ 62.0710, -68.6830,
5.7570

■ 188.2750,
-60.7500, -0.3500

■ 46.1930, -54.2870,
9.1770

■ 213.9800,
-49.9740, -8.4220

■ 31.0160, -40.4870,
12.3850

■ 235.8640,
-38.1440, -13.5680

■ 14.6650, -26.1370,
16.6390

■ 245.1330,
-19.6680, -6.9960

■ 7.9340, -16.8290,
13.1470

254.4020, -1.1920,

■ 3.6650, -8.9420,

-0.4240

7.8740

■ 0.0000, 0.0000,
0.0000

■ 96.5170, -99.5380,
-2.2420

■ 107.1930,
-89.8180, -2.1860

■ 118.1680,
-79.5020, -1.9180

■ 128.2570,
-69.5070, -1.3390

■ 138.9330,
-59.7870, -1.2830

■ 149.6090,
-50.0670, -1.2270

■ 160.5840,
-39.7510, -0.9590

■ 171.2600,
-30.0310, -0.9030

■ 181.3490,
-20.0360, -0.3240

■ 192.3240, -9.7200,
-0.0560

Harmonies

Analogous

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



101.1330, -98.7570, -10.8930



96.5170, -99.5380, -2.2420



122.9360, -19.1700, 28.0460

Triad

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



96.5170, -99.5380, -2.2420



118.5970, 64.8270, 20.0830



101.2710, -38.8730, -38.9130

Complementary

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



96.5170, -99.5380, -2.2420



106.4830, 99.5380, 2.2420

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.



111.6390, 10.0010, -32.5830



96.5170, -99.5380, -2.2420



117.9590, 59.9710, -2.0530

Square

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



96.5170, -99.5380, -2.2420



120.6350, 53.6370, 35.6610



115.8450, 41.9560, -22.4920



95.8600, -77.0200, -35.9000

Rectangle

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



96.5170, -99.5380, -2.2420



124.6040, 11.3640, 36.3560



115.8450, 41.9560, -22.4920



106.5030, -18.9750, -36.0870

Sweetspot

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



96.5170, -99.5380, -2.2420



215.2530, -37.3210, -0.9450



128.0530, -80.8630, -81.9110



103.6800, -22.4660, -0.3380



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.



96.5170, -99.5380, -2.2420



121.2290, -125.0300, -2.8060



37.2300, -71.7630, 50.5810



96.6620, -4.8600, -0.0280



78.7980, -81.3360, -1.7200



18.4200, -18.7980, -0.7340

Inverse Universe

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



74.9470, 80.8630, 81.9110



94.1430, 101.5830, 102.8870



165.7700, 71.7630, -50.5810



95.6740, 4.0340, 3.9860



61.2620, 66.1940, 66.9140



14.0980, 14.9440, 15.5200

Previews

White Background



This preview shows how the YIQ color 96.5170, -99.5380, -2.2420 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 96.5170, -99.5380, -2.2420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

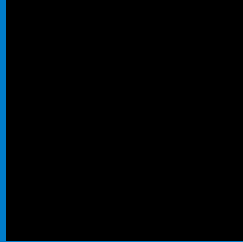
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 96.5170, -99.5380, -2.2420

Background



This preview shows how black text looks on a background with the YIQ color 96.5170, -99.5380, -2.2420.



This preview shows how white text looks on a background with the YIQ color 96.5170, -99.5380,

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

96.5170, -99.5380, -2.2420

Protanopia

118.2210, -42.3220, 18.1100

Deuteranopia

112.2230, -62.9990, 12.8810



Tritanopia

94.9600, -82.7530, -25.6090

Trichromacy



Original Color

96.5170, -99.5380, -2.2420

Protanomaly

110.7560, -63.1820, 10.6900

Deuteranomaly

106.2320, -76.3860, 7.6940

Tritanomaly

95.7070, -88.9900, -17.1980

Monochromacy



Original Color

96.5170, -99.5380, -2.2420

Achromatopsia

97.0000, -0.0000, 0.0000

Achromatomaly

96.8510, -36.1290, -0.5210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 96.5170, -99.5380, -2.2420 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, 125, 203)` looks like.

```
.text, #text, p{  
    color:rgb(0, 125, 203)  
}
```

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, 125, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 125, 203) }
```

Border

The CSS property to change the border of an element to YIQ 96.5170, -99.5380, -2.2420 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, 125, 203) }
```


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

```
.border{ border-color:rgb(0, 125, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 125, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 125, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 125, 203);  
box-shadow:4px 4px 4px 4px rgb(0, 125,  
203) }
```

Background

The CSS property to change the background color of an element to YIQ 96.5170, -99.5380, -2.2420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 125, 203) }
```

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

```
.background{ background-color: rgb(0, 125,  
203) }
```

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