

Converting Colors

YIQ(105.0880, -102.8840,
-7.6840)

Have a look what the booklet for
YIQ(105.0880, -102.8840, -7.6840)
contains.

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Color

**YIQ(105.0880, -102.8840,
-7.6840)**

Conversions

Conversions Part 1

Format	Color
Hex	028ACE
RGB	2, 138, 206
RGB Percent	1%, 54%, 81%
CMY	0.9923, 0.4586, 0.1926
CMYK	0.99, 0.33, 0.00, 0.19
HSL	200°, 98%, 41%
HSV	200°, 99%, 81%
XYZ	20.2471, 22.6564, 61.6237
YIQ	105.0880, -102.8840, -7.6840

Conversions

Conversions Part 2

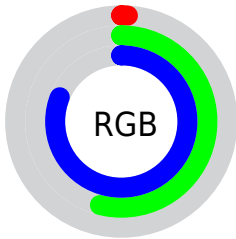
Format	Color
R_{YB}	2, 84, 206
Decimal	166606
CIE _{Lab}	54.72, -6.20, -43.51
CIE _{LCh}	55, 43.948, 261.893
Yxy	22.6564, 0.1937, 0.2168
Android (android.graphics.Color)	4278356686 (0xFF028ACE)
YUV	105.0880, 49.7496, -90.4082
Hunter-Lab	47.5987, -7.3689, -43.4406

Details

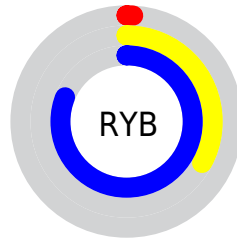
The YIQ color **105.0880, -102.8840, -7.6840** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **102.9120, 102.8840, 7.6840**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.0870, -74.7800, 0.6120**, and **68.8700, -72.6710, 0.9370** is the 20% darker color. If you saturate the color by 10%, you get **103.9030, -103.8010, -7.5850**, and if you desaturate by 10%, it is **115.4760, -92.2930, -6.8930**.

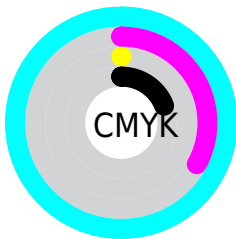
Distribution



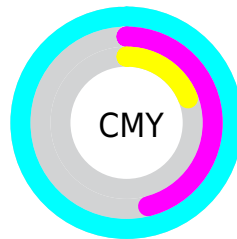
- Red (1%)
- Green (54%)
- Blue (81%)



- Red (1%)
- Yellow (33%)
- Blue (81%)



- Cyan (99%)
- Magenta (33%)
- Yellow (0%)
- Black (19%)



- Cyan (99%)
- Magenta (46%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 105.0880, -102.8840, -7.6840 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 105.0880, -102.8840, -7.6840 by changing the saturation by 10% instead.

■ 105.0880,
-102.8840, -7.6840

■ 105.0880,
-102.8840, -7.6840

■ 255.0000, -0.0000,
-0.0000

■ 86.6230, -88.2130,
-3.7410

■ 171.0870,
-74.7800, 0.6120

■ 69.4570, -72.9460,
0.4140

■ 197.0910,
-63.4080, -7.2480

■ 52.9920, -58.2750,
4.3570

■ 222.7960,
-52.6320, -15.3200

■ 37.2280, -44.2000,
8.0880

■ 236.4620,
-36.9520, -13.1440

■ 22.6380, -30.6750,
10.7730

■ 245.7310,
-18.4760, -6.5720

■ 8.2760, -17.7920,
14.0800

■ 4.5940, -10.1800,

8.2840

■ 0.0000, 0.0000,
0.0000

■ 105.0880,
-102.8840, -7.6840

■ 105.0880,
-102.8840, -7.6840

■ 103.9030,
-103.8010, -7.5850

■ 115.4760,
-92.2930, -6.8930

■ 125.5650,
-82.2980, -6.3140

■ 135.9530,
-71.7070, -5.5230

■ 145.4550,
-61.4370, -4.4210

■ 155.8430,
-50.8460, -3.6300

■ 166.2310,
-40.2550, -2.8390

■ 176.3200,
-30.2600, -2.2600

■ 186.7080,
-19.6690, -1.4690

■ 196.7970, -9.6740,
-0.8900

Harmonies

Analogous

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



107.3620, -101.1400, -17.2680



105.0880, -102.8840, -7.6840



131.0870, -30.0810, 22.0390

Triad

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



105.0880, -102.8840, -7.6840



131.0680, 59.1870, 23.1790



118.3830, -18.5170, -33.3730

Complementary

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



105.0880, -102.8840, -7.6840



102.9120, 102.8840, 7.6840

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.



124.2920, 18.5280, -27.4240



105.0880, -102.8840, -7.6840



129.8760, 59.0070, 4.4070

Square

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



105.0880, -102.8840, -7.6840



133.0190, 43.6880, 34.2480



127.8550, 45.1640, -14.5480



101.0290, -79.1740, -40.9180

Rectangle

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



105.0880, -102.8840, -7.6840



134.6840, -0.7850, 30.7590



127.8550, 45.1640, -14.5480



121.1520, -4.6250, -31.8330

Sweetspot

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



105.0880, -102.8840, -7.6840



217.6010, -38.4210, -3.0370



129.1580, -76.9650, -86.4770



104.8540, -23.0160, -1.3840



0.0000, 0.0000, 0.0000



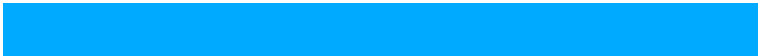
128.0000, -0.0000, -0.0000

Same Dimension

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



105.0880, -102.8840, -7.6840



128.8600, -128.6050, -9.6050



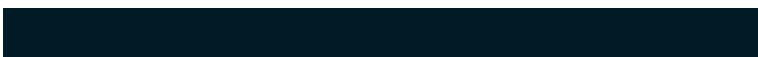
46.9750, -75.6590, 44.0930



97.2490, -5.1350, -0.5510



84.0810, -83.8110, -6.4270



19.5940, -19.3480, -1.7800

Inverse Universe

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



78.5000, 77.9280, 85.5440



95.6250, 97.4100, 106.9300



161.0250, 75.6590, -44.0930



95.7880, 3.7130, 4.2970



62.2880, 63.3050, 69.7130



14.3260, 14.3020, 16.1420

Previews

White Background



This preview shows how the YIQ color 105.0880, -102.8840, -7.6840 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 105.0880, -102.8840, -7.6840 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 105.0880, -102.8840, -7.6840 Background



This preview shows how black text looks on a background with the YIQ color 105.0880, -102.8840, -7.6840.



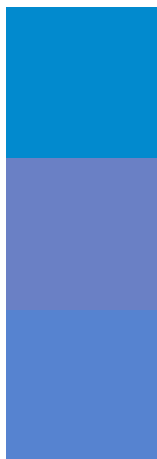
This preview shows how white text looks on a background with the YIQ color 105.0880, -102.8840, -7.6840.

-7.6840.

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

105.0880, -102.8840, -7.6840

Protanopia

129.2880, -35.2610, 16.7950

Deuteranopia

126.3230, -51.5370, 14.4070



Tritanopia

102.7850, -89.6300, -27.6300

Trichromacy



Original Color

105.0880, -102.8840, -7.6840

Protanomaly

120.6160, -59.9720, 7.5800

Deuteranomaly

118.7010, -70.5170, 5.9550

Tritanomaly

103.4890, -94.3080, -19.9400

Monochromacy



Original Color

105.0880, -102.8840, -7.6840

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

105.1990, -37.2290, -2.6130

CSS Examples

Text

The CSS property to change the color of the text to YIQ 105.0880, -102.8840, -7.6840 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(2, 138, 206)` looks like.

```
.text, #text, p{  
    color:rgb(2, 138, 206)  
}
```

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(2, 138, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 138, 206) }
```

Border

The CSS property to change the border of an element to YIQ 105.0880, -102.8840, -7.6840 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(2, 138, 206) }
```


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

```
.border{ border-color:rgb(2, 138, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 138, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 138, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 138, 206);  
box-shadow:4px 4px 4px 4px rgb(2, 138,  
206) }
```

Background

The CSS property to change the background color of an element to YIQ 105.0880, -102.8840, -7.6840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 138, 206) }
```

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

```
.background{ background-color: rgb(2, 138,  
206) }
```

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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