

Converting Colors

YIQ(104.0510, -101.4620,
-11.4300)

Have a look what the booklet for
YIQ(104.0510, -101.4620, -11.4300)
contains.

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Color

**YIQ(104.0510, -101.4620,
-11.4300)**

Conversions

Conversions Part 1

Format	Color
Hex	008BC5
RGB	0, 139, 197
RGB Percent	0%, 55%, 77%
CMY	0.9998, 0.4547, 0.2279
CMYK	1.00, 0.29, 0.00, 0.23
HSL	198°, 100%, 39%
HSV	198°, 100%, 77%
XYZ	19.3061, 22.5082, 56.0818
YIQ	104.0510, -101.4620, -11.4300

Conversions

Conversions Part 2

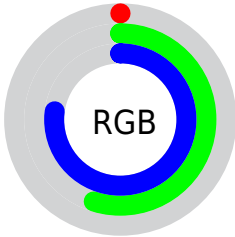
Format	Color
RYB	0, 81, 197
Decimal	35781
CIELab	54.56, -10.23, -38.66
CIELCh	55, 39.991, 255.176
Yxy	22.5082, 0.1972, 0.2299
Android (android.graphics.Color)	4278225861 (0xFF008BC5)
YUV	104.0510, 45.8239, -91.2527
Hunter-Lab	47.4428, -10.3873, -36.8763

Details

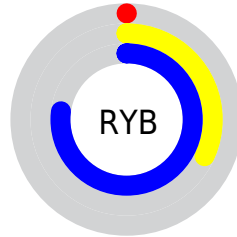
The YIQ color **104.0510, -101.4620, -11.4300** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **92.9490, 101.4620, 11.4300**, and the grayscale version is **104.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **170.6630, -76.5220, -0.8580**, and **68.5450, -70.3780, -2.0740** is the 20% darker color. If you saturate the color by 10%, you get **104.0510, -101.4620, -11.4300**, and if you desaturate by 10%, it is **113.5530, -91.1920, -10.3280**.

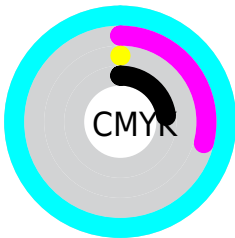
Distribution



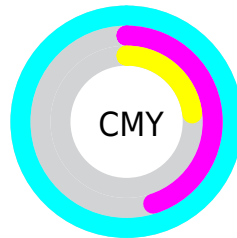
- Red (0%)
- Green (55%)
- Blue (77%)



- Red (0%)
- Yellow (32%)
- Blue (77%)



- Cyan (100%)
- Magenta (29%)
- Yellow (0%)
- Black (23%)



- Cyan (100%)
- Magenta (45%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 104.0510, -101.4620, -11.4300 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 104.0510, -101.4620, -11.4300 by changing the saturation by 10% instead.

■ 104.0510,
-101.4620, -11.4300

■ 104.0510,
-101.4620, -11.4300

■ 255.0000, -0.0000,
-0.0000

■ 86.1840, -85.5990,
-7.0630

■ 170.6630,
-76.5220, -0.8580

■ 68.5450, -70.3780,
-2.0740

■ 196.7810,
-65.4710, -8.4070

■ 52.0800, -55.7070,
1.8690

■ 223.0730,
-54.9700, -17.0020

■ 36.3160, -41.6320,
5.6000

■ 235.5650,
-38.7400, -13.7800

■ 22.4270, -28.7030,
8.0730

■ 244.8340,
-20.2640, -7.2080

■ 6.8910, -15.2700,
12.4260

■ 253.8040, -2.3840,

■ 3.3230, -7.9790,

-0.8480

6.9410

■ 0.0000, 0.0000,
0.0000

■ 104.0510,
-101.4620, -11.4300

■ 113.5530,
-91.1920, -10.3280

■ 122.7560,
-81.5180, -9.4380

■ 131.6710,
-70.9730, -7.8130

■ 141.1730,
-60.7030, -6.7110

■ 150.3760,
-51.0290, -5.8210

■ 159.8780,
-40.7590, -4.7190

■ 169.3800,
-30.4890, -3.6170

■ 178.2950,
-19.9440, -1.9920

■ 187.4980,
-10.2700, -1.1020

Harmonies

Analogous

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



106.1080, -97.6090, -20.6890



104.0510, -101.4620, -11.4300



128.9890, -35.8570, 16.5830

Triad

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



104.0510, -101.4620, -11.4300



131.4740, 52.1720, 23.6600



120.8790, -8.1100, -29.2460

Complementary

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



104.0510, -101.4620, -11.4300



92.9490, 101.4620, 11.4300

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.



125.6780, 23.4330, -22.7030



104.0510, -101.4620, -11.4300



130.2440, 55.1550, 8.1390

Square

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



104.0510, -101.4620, -11.4300



133.6480, 34.4270, 31.3790



129.0170, 44.8880, -9.5440



111.0170, -52.5370, -33.5690

Rectangle

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



104.0510, -101.4620, -11.4300



133.3300, -8.7160, 25.8120



129.0170, 44.8880, -9.5440



122.9790, 3.3520, -27.7200

Sweetspot

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



104.0510, -101.4620, -11.4300



219.3620, -39.2460, -4.6060



122.0230, -72.1510, -85.6150



106.0280, -23.5660, -2.4300



0.0000, 0.0000, 0.0000



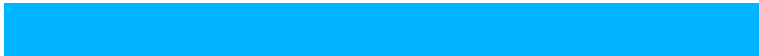
128.0000, -0.0000, -0.0000

Same Dimension

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



104.0510, -101.4620, -11.4300



134.7300, -131.3550, -14.8350



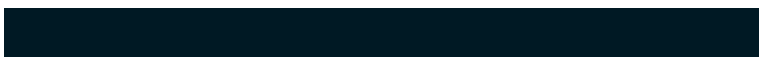
47.6990, -75.0620, 38.7780



95.1350, -4.8140, -0.8620



86.0870, -83.9480, -9.4520



18.7790, -18.4310, -1.8790

Inverse Universe

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



74.7490, 72.7930, 84.9930



96.7650, 94.2000, 110.0400



149.3010, 75.0620, -38.7780



93.4890, 3.1170, 4.0850



61.8470, 60.2330, 70.3210



13.6140, 13.4310, 15.4070

Previews

White Background



This preview shows how the YIQ color 104.0510, -101.4620, -11.4300 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 104.0510, -101.4620, -11.4300 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 104.0510, -101.4620, -11.4300 Background



This preview shows how black text looks on a background with the YIQ color 104.0510, -101.4620, -11.4300.

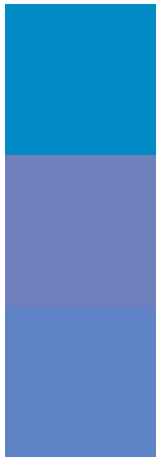


This preview shows how white text looks on a background with the YIQ color 104.0510, -101.4620, -11.4300.

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

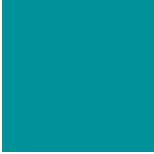
104.0510, -101.4620, -11.4300

Protanopia

129.7570, -29.3920, 15.0560

Deuteranopia

127.7000, -42.4130, 14.2510



Tritanopia

102.7850, -89.6300, -27.6300

Trichromacy



Original Color

104.0510, -101.4620, -11.4300

Protanomaly

120.4870, -55.2950, 5.4170

Deuteranomaly

118.8820, -63.7770, 4.9510

Tritanomaly

103.3210, -93.8950, -21.9190

Monochromacy



Original Color

104.0510, -101.4620, -11.4300

Achromatopsia

104.0000, -0.0000, -0.0000

Achromatomaly

104.1450, -37.1370, -4.2810

CSS Examples

Text

The CSS property to change the color of the text to YIQ 104.0510, -101.4620, -11.4300 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, 139, 197)` looks like.

```
.text, #text, p{  
    color:rgb(0, 139, 197)  
}
```

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, 139, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 139, 197) }
```

Border

The CSS property to change the border of an element to YIQ 104.0510, -101.4620, -11.4300 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, 139, 197) }
```


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

```
.border{ border-color:rgb(0, 139, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 139, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 139, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 139, 197);  
box-shadow:4px 4px 4px 4px rgb(0, 139,  
197) }
```

Background

The CSS property to change the background color of an element to YIQ 104.0510, -101.4620, -11.4300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 139, 197) }
```

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

```
.background{ background-color: rgb(0, 139,  
197) }
```

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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