

Converting Colors

YIQ(104.1500, -71.0640,
-11.6720)

Have a look what the booklet for
YIQ(104.1500, -71.0640, -11.6720)
contains.

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Color

**YIQ(104.1500, -71.0640,
-11.6720)**

Conversions

Conversions Part 1

Format	Color
Hex	1D83A3
RGB	29, 131, 163
RGB Percent	11%, 51%, 64%
CMY	0.8864, 0.4861, 0.3611
CMYK	0.82, 0.20, 0.00, 0.36
HSL	194°, 70%, 38%
HSV	194°, 82%, 64%
XYZ	15.2310, 19.1461, 37.5064
YIQ	104.1500, -71.0640, -11.6720

Conversions

Conversions Part 2

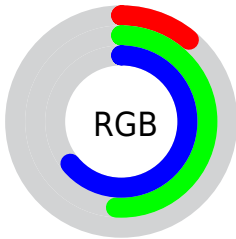
Format	Color
R_{YB}	29, 87, 163
Decimal	1934243
CIE _{Lab}	50.86, -16.60, -24.93
CIE _{LCh}	51, 29.948, 236.342
Yxy	19.1461, 0.2119, 0.2663
Android (android.graphics.Color)	4280124323 (0xFF1D83A3)
YUV	104.1500, 29.0131, -65.9065
Hunter-Lab	43.7562, -14.4397, -20.1921

Details

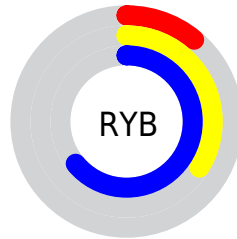
The YIQ color **104.1500, -71.0640, -11.6720** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **87.8500, 71.0640, 11.6720**, and the grayscale version is **104.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **162.1620, -62.1700, -7.6580**, and **60.2010, -57.9060, -7.8420** is the 20% darker color. If you saturate the color by 10%, you get **97.0180, -79.5000, -12.9720**, and if you desaturate by 10%, it is **111.2820, -62.6280, -10.3720**.

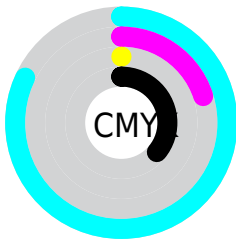
Distribution



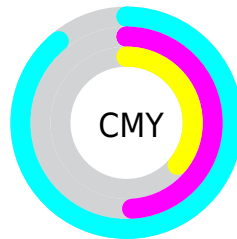
- Red (11%)
- Green (51%)
- Blue (64%)



- Red (11%)
- Yellow (34%)
- Blue (64%)



- Cyan (82%)
- Magenta (20%)
- Yellow (0%)
- Black (36%)



- Cyan (89%)
- Magenta (49%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 104.1500, -71.0640, -11.6720 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 104.1500, -71.0640, -11.6720 by changing the saturation by 10% instead.

■ 104.1500,
-71.0640, -11.6720

■ 104.1500,
-71.0640, -11.6720

■ 255.0000, -0.0000,
-0.0000

■ 77.8400, -73.1270,
-12.8310

■ 162.1620,
-62.1700, -7.6580

■ 60.7880, -58.1810,
-8.3650

■ 190.4610,
-61.5740, -7.4460

■ 43.9640, -43.8770,
-3.2770

■ 216.5940,
-54.8790, -13.1430

■ 28.9010, -30.3980,
0.2420

■ 234.3690,
-41.1240, -14.6280

■ 9.9570, -15.6360,
8.0440

■ 243.0400,
-23.8400, -8.4800

■ 2.8670, -6.6950,
5.6970

■ 252.0100, -5.9600,

■ 0.0000, 0.0000,

-2.1200

0.0000

■ 104.1500,
-71.0640, -11.6720

■ 104.1500,
-71.0640, -11.6720

■ 97.0180, -79.5000,
-12.9720

■ 111.2820,
-62.6280, -10.3720

■ 91.3700, -86.4230,
-14.1590

■ 118.7130,
-53.5960, -8.8600

■ 125.8450,
-45.1600, -7.5600

■ 132.9770,
-36.7240, -6.2600

■ 139.5220,
-28.0130, -4.4370

■ 146.9530,
-18.9810, -2.9250

■ 154.0850,
-10.5450, -1.6250

■ 161.2170, -2.1090,
-0.3250

■ 168.6480, 6.9230,
1.1870

Harmonies

Analogous

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



96.1560, -80.3690, -24.7610



104.1500, -71.0640, -11.6720



116.3050, -43.0990, 4.6530

Triad

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



104.1500, -71.0640, -11.6720



123.7690, 32.2280, 21.6680



116.7830, 10.1360, -18.5040

Complementary

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



104.1500, -71.0640, -11.6720



87.8500, 71.0640, 11.6720

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.



119.4050, 29.1160, -10.0520



104.1500, -71.0640, -11.6720



122.6910, 40.8950, 13.2710

Square

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



104.1500, -71.0640, -11.6720



124.7590, 11.8250, 22.4890



121.4160, 39.7510, 0.9590



113.3870, -15.1720, -22.4040

Rectangle

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



104.1500, -71.0640, -11.6720



121.2260, -23.5230, 13.3170



121.4160, 39.7510, 0.9590



117.9580, 17.0130, -16.4830

Sweetspot

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



104.1500, -71.0640, -11.6720



188.5220, -28.0130, -4.4370



111.1920, -46.8010, -60.4410



92.7360, -16.8720, -2.6000



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

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



104.1500, -71.0640, -11.6720



119.8600, -111.4100, -18.3700



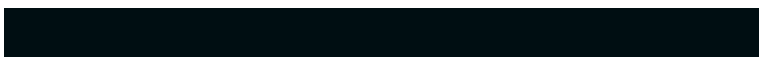
65.4080, -52.9140, 22.8460



78.1350, -4.8140, -0.8620



81.6870, -77.0700, -12.9580



10.2700, -9.6280, -1.7240

Inverse Universe

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



80.6940, 47.1220, 60.1300



83.0300, 73.8000, 94.2800



126.5920, 52.9140, -22.8460



76.4890, 3.1170, 4.0850



56.0090, 50.7890, 65.2610



6.9780, 6.2340, 8.1700

Previews

White Background



This preview shows how the YIQ color 104.1500, -71.0640, -11.6720 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 104.1500, -71.0640, -11.6720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

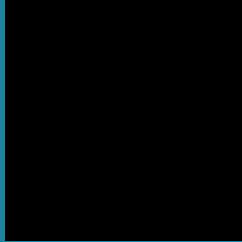
Any Text WCAG AA ✓ Pass

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 104.1500, -71.0640, -11.6720 Background



This preview shows how black text looks on a background with the YIQ color 104.1500, -71.0640, -11.6720.

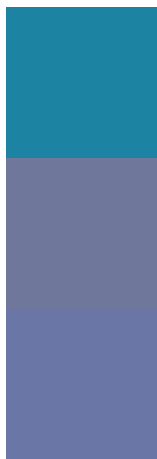


This preview shows how white text looks on a background with the YIQ color 104.1500, -71.0640, -11.6720.

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

104.1500, -71.0640, -11.6720

Protanopia

120.5980, -16.0030, 9.1890

Deuteranopia

120.4710, -22.8350, 11.8610



Tritanopia

95.1880, -83.3950, -24.9870

Trichromacy



Original Color

104.1500, -71.0640, -11.6720

Protanomaly

114.3180, -35.9460, 1.6700

Deuteranomaly

114.3330, -40.3020, 3.5220

Tritanomaly

98.6880, -78.8110, -19.9550

Monochromacy



Original Color

104.1500, -71.0640, -11.6720

Achromatopsia

104.0000, -0.0000, -0.0000

Achromatomaly

104.1910, -25.5830, -4.4230

CSS Examples

Text

The CSS property to change the color of the text to YIQ 104.1500, -71.0640, -11.6720 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(29, 131, 163)` looks like.

```
.text, #text, p{  
    color:rgb(29, 131, 163)  
}
```

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(29, 131, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 131, 163) }
```

Border

The CSS property to change the border of an element to YIQ 104.1500, -71.0640, -11.6720 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(29, 131, 163) }
```


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

```
.border{ border-color:rgb(29, 131, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 131, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 131, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 131, 163);  
box-shadow:4px 4px 4px 4px rgb(29, 131,  
163) }
```

Background

The CSS property to change the background color of an element to YIQ 104.1500, -71.0640, -11.6720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 131, 163) }
```

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

```
.background{ background-color: rgb(29, 131,  
163) }
```

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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