

Converting Colors

YIQ(108.9870, -103.4370,
7.8510)

Have a look what the booklet for
YIQ(108.9870, -103.4370, 7.8510)
contains.

YIQ(108.9870, -103.4370, 7.8510)	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(108.9870, -103.4370,
7.8510)**

Conversions

Conversions Part 1

Format	Color
Hex	0F84ED
RGB	15, 132, 237
RGB Percent	6%, 52%, 93%
CMY	0.9412, 0.4822, 0.0711
CMYK	0.94, 0.44, 0.00, 0.07
HSL	208°, 88%, 49%
HSV	208°, 94%, 93%
XYZ	23.7218, 22.7241, 83.1606
YIQ	108.9870, -103.4370, 7.8510

Conversions

Conversions Part 2

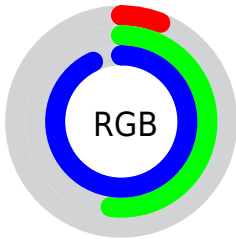
Format	Color
R _Y B	15, 92, 237
Decimal	1017069
CIE Lab	54.79, 9.69, -60.77
CIE LCh	55, 61.537, 279.057
Yxy	22.7241, 0.1830, 0.1753
Android (android.graphics.Color)	4279207149 (0xFF0F84ED)
YUV	108.9870, 63.1104, -82.4266
Hunter-Lab	47.6699, 5.4043, -70.0632

Details

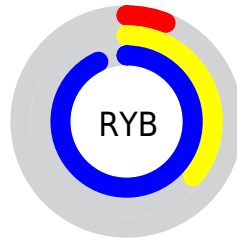
The YIQ color **108.9870, -103.4370, 7.8510** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark washed azure. A complement of this color would be **143.0130, 103.4370, -7.8510**, and the grayscale version is **108.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **169.9680, -66.8950, 6.3930**, and **69.8280, -80.8800, 12.0480** is the 20% darker color. If you saturate the color by 10%, you get **100.3930, -110.4520, 8.3320**, and if you desaturate by 10%, it is **122.6200, -92.1580, 7.1860**.

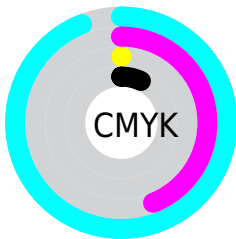
Distribution



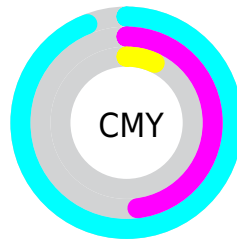
- Red (6%)
- Green (52%)
- Blue (93%)



- Red (6%)
- Yellow (36%)
- Blue (93%)



- Cyan (94%)
- Magenta (44%)
- Yellow (0%)
- Black (7%)



- Cyan (94%)
- Magenta (48%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 108.9870, -103.4370, 7.8510 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 108.9870, -103.4370, 7.8510 by changing the saturation by 10% instead.

■ 108.9870,
-103.4370, 7.8510

■ 108.9870,
-103.4370, 7.8510

■ 255.0000, -0.0000,
-0.0000

■ 86.5210, -96.1930,
8.7270

■ 169.9680,
-66.8950, 6.3930

■ 69.8280, -80.8800,
12.0480

■ 196.2710,
-54.9270, -1.2550

■ 53.2490, -65.8880,
15.6800

■ 222.2750,
-43.5550, -9.1150

■ 38.4310, -51.7210,
17.7430

■ 240.3490,
-29.2040, -10.3880

■ 24.4280, -38.4710,
19.9050

■ 249.6180,
-10.7280, -3.8160

■ 13.9470, -26.8710,
18.9290

■ 8.2760, -17.7920,

14.0800

■ 4.5940, -10.1800,
8.2840

■ 0.0000, 0.0000,
0.0000

■ 108.9870,
-103.4370, 7.8510

■ 108.9870,
-103.4370, 7.8510

■ 100.3930,
-110.4520, 8.3320

■ 122.6200,
-92.1580, 7.1860

■ 135.9540,
-81.4750, 6.3090

■ 150.1740,
-70.4710, 5.1210

■ 163.8070,
-59.1920, 4.4560

■ 177.1410,
-48.5090, 3.5790

■ 190.7740,
-37.2300, 2.9140

■ 204.4070,
-25.9510, 2.2490

■ 218.3280,
-15.5430, 0.8490

■ 231.9610, -4.2640,
0.1840

Harmonies

Analogous

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



112.6230, -114.5760, -5.0400



108.9870, -103.4370, 7.8510



134.1260, -7.4810, 41.9830

Triad

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



108.9870, -103.4370, 7.8510



125.9380, 82.8000, 19.2480



100.1850, -71.2860, -51.7180

Complementary

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



108.9870, -103.4370, 7.8510



143.0130, 103.4370, -7.8510

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.



115.2640, -2.6050, -46.4210



108.9870, -103.4370, 7.8510



125.6980, 73.4070, -14.2810

Square

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



108.9870, -103.4370, 7.8510



126.1110, 75.9640, 44.0280



121.1160, 47.7820, -39.9780



108.2160, -89.7660, -36.1820

Rectangle

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



108.9870, -103.4370, 7.8510



133.6160, 29.4260, 50.4340



121.1160, 47.7820, -39.9780



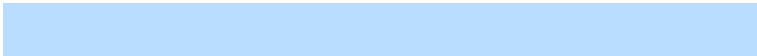
97.5460, -65.2330, -56.7930

Sweetspot

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



108.9870, -103.4370, 7.8510



213.8130, -32.9660, 2.7300



157.1700, -94.4340, -83.7620



102.5170, -20.4490, 1.6550



0.0000, 0.0000, 0.0000



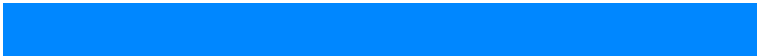
128.0000, -0.0000, -0.0000

Same Dimension

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



108.9870, -103.4370, 7.8510



108.3150, -118.9800, 8.7000



44.4170, -73.1870, 65.3810



110.7760, -5.1810, 0.2830



76.9860, -84.5010, 6.0830



22.5920, -25.0340, 2.1500

Inverse Universe

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



94.7160, 94.7550, 83.4510



91.6350, 108.6450, 96.0450



206.9960, 73.4620, -64.8580



109.9730, 4.6300, 4.1980



65.0630, 77.0600, 68.2280



19.3380, 23.1960, 20.1560

Previews

White Background



This preview shows how the YIQ color 108.9870, -103.4370, 7.8510 looks on a white background.

Color Contrast Check

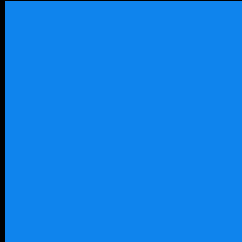
Large Text (above 18pt) WCAG AA ✓ Pass

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 108.9870, -103.4370, 7.8510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

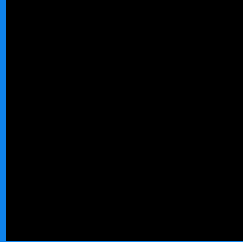
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

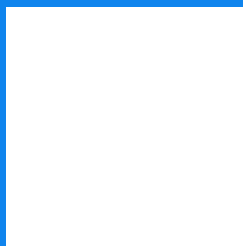
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 108.9870, -103.4370, 7.8510

Background



This preview shows how black text looks on a background with the YIQ color 108.9870, -103.4370, 7.8510.



This preview shows how white text looks on a background with the YIQ color 108.9870, -103.4370,

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

108.9870, -103.4370, 7.8510

Protanopia

125.2160, -61.1210, 22.9030

Deuteranopia

104.8610, -112.0100, 3.5260



Tritanopia

102.7850, -89.6300, -27.6300

Trichromacy



Original Color

108.9870, -103.4370, 7.8510

Protanomaly

119.4420, -76.6170, 17.3910

Deuteranomaly

106.4700, -109.3510, 4.8970

Tritanomaly

104.7650, -94.9050, -14.6250

Monochromacy



Original Color

108.9870, -103.4370, 7.8510

Achromatopsia

109.0000, -0.0000, 0.0000

Achromatomaly

108.7740, -37.2300, 2.9140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 108.9870, -103.4370, 7.8510 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(15, 132, 237)` looks like.

```
.text, #text, p{  
    color:rgb(15, 132, 237)  
}
```

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(15, 132, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 132, 237) }
```

Border

The CSS property to change the border of an element to YIQ 108.9870, -103.4370, 7.8510 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(15, 132, 237) }
```


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

```
.border{ border-color:rgb(15, 132, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 132, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(15, 132, 237); -webkit-box-shadow:4px 4px 4px 4px rgb(15, 132, 237); box-shadow:4px 4px 4px 4px rgb(15, 132, 237) }
```

Background

The CSS property to change the background color of an element to YIQ 108.9870, -103.4370, 7.8510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 132, 237) }
```

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

```
.background{ background-color: rgb(15, 132,  
237) }
```

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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