

Converting Colors

YIQ(107.7370, -97.7020,
-13.4940)

Have a look what the booklet for
YIQ(107.7370, -97.7020, -13.4940)
contains.

YIQ(107.7370, -97.7020, -13.4940)	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(107.7370, -97.7020,
-13.4940)**

Conversions

Conversions Part 1

Format	Color
Hex	068FC1
RGB	6, 143, 193
RGB Percent	2%, 56%, 76%
CMY	0.9766, 0.4390, 0.2436
CMYK	0.97, 0.26, 0.00, 0.24
HSL	196°, 94%, 39%
HSV	196°, 97%, 76%
XYZ	19.5188, 23.5459, 53.9046
YIQ	107.7370, -97.7020, -13.4940

Conversions

Conversions Part 2

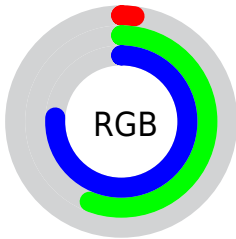
Format	Color
R _Y B	6, 85, 193
Decimal	430017
CIE Lab	55.63, -13.76, -34.72
CIE LCh	56, 37.344, 248.378
Yxy	23.5459, 0.2013, 0.2428
Android (android.graphics.Color)	4278620097 (0xFF068FC1)
YUV	107.7370, 42.0347, -89.2233
Hunter-Lab	48.5241, -13.1157, -31.8973

Details

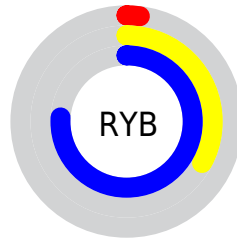
The YIQ color **107.7370, -97.7020, -13.4940** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **91.2630, 97.7020, 13.4940**, and the grayscale version is **107.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **173.4410, -76.0170, -4.5050**, and **70.4370, -70.1940, -5.4100** is the 20% darker color. If you saturate the color by 10%, you get **104.7690, -100.7280, -13.7200**, and if you desaturate by 10%, it is **116.3530, -87.7530, -12.0810**.

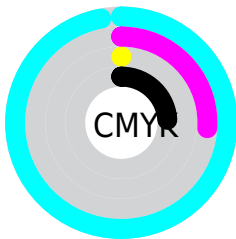
Distribution



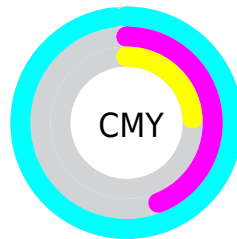
- Red (2%)
- Green (56%)
- Blue (76%)



- Red (2%)
- Yellow (33%)
- Blue (76%)



- Cyan (97%)
- Magenta (26%)
- Yellow (0%)
- Black (24%)



- Cyan (98%)
- Magenta (44%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 107.7370, -97.7020, -13.4940 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 107.7370, -97.7020, -13.4940 by changing the saturation by 10% instead.

■ 107.7370,
-97.7020, -13.4940

■ 107.7370,
-97.7020, -13.4940

■ 255.0000, -0.0000,
-0.0000

■ 87.6030, -85.4610,
-9.5650

■ 173.4410,
-76.0170, -4.5050

■ 70.4370, -70.1940,
-5.4100

■ 199.7160,
-66.8460, -11.0220

■ 53.3850, -55.2480,
-0.9440

■ 225.4210,
-56.0700, -19.0940

■ 37.7350, -41.4940,
3.0980

■ 235.5650,
-38.7400, -13.7800

■ 23.8460, -28.5650,
5.5710

■ 244.5350,
-20.8600, -7.4200

■ 6.5490, -14.3070,
11.4930

■ 253.8040, -2.3840,

■ 2.9810, -7.0160,

-0.8480

6.0080

■ 0.0000, 0.0000,
0.0000

■ 107.7370,
-97.7020, -13.4940

■ 107.7370,
-97.7020, -13.4940

■ 104.7690,
-100.7280, -13.7200

■ 116.3530,
-87.7530, -12.0810

■ 125.2680,
-77.2080, -10.4560

■ 133.8840,
-67.2590, -9.0430

■ 143.0870,
-57.5850, -8.1530

■ 151.7030,
-47.6360, -6.7400

■ 160.6180,
-37.0910, -5.1150

■ 169.2340,
-27.1420, -3.7020

■ 177.8500,
-17.1930, -2.2890

■ 186.7650, -6.6480,
-0.6640

Harmonies

Analogous

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



107.1850, -96.5080, -24.1240



107.7370, -97.7020, -13.4940



130.4180, -41.6790, 11.9610

Triad

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



107.7370, -97.7020, -13.4940



135.3640, 46.6700, 24.2540



126.0650, 0.2340, -26.2780

Complementary

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



107.7370, -97.7020, -13.4940



91.2630, 97.7020, 13.4940

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.



129.7650, 27.7420, -18.1940



107.7370, -97.7020, -13.4940



133.6830, 52.5410, 11.4610

Square

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



107.7370, -97.7020, -13.4940



137.2880, 26.6330, 29.4570



132.2500, 45.8500, -4.9500



119.2210, -35.4360, -29.6120

Rectangle

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



107.7370, -97.7020, -13.4940



134.8020, -16.0970, 21.9110



132.2500, 45.8500, -4.9500



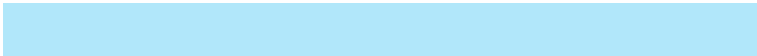
127.7950, 9.8620, -24.5540

Sweetspot

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



107.7370, -97.7020, -13.4940



217.0200, -38.2830, -5.5390



121.1270, -66.5120, -83.1840



104.8000, -22.9240, -3.0520



252.0000, 0.0000, 0.0000



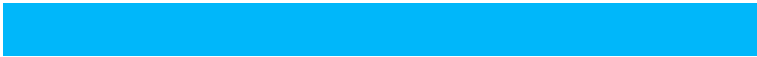
125.0000, 0.0000, 0.0000

Same Dimension

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



107.7370, -97.7020, -13.4940



135.9210, -130.5750, -17.9590



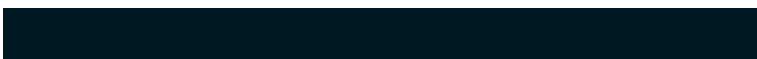
54.9070, -72.9520, 33.5760



92.2490, -5.1350, -0.5510



87.6200, -84.1310, -11.6430



17.8500, -17.1930, -2.2890

Inverse Universe

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



77.5310, 67.4750, 82.2510



95.6120, 90.2570, 109.9130



144.0930, 72.9520, -33.5760



90.7880, 3.7130, 4.2970



61.5910, 58.0780, 70.8300



12.6030, 11.9640, 14.4600

Previews

White Background



This preview shows how the YIQ color 107.7370, -97.7020, -13.4940 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 107.7370, -97.7020, -13.4940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

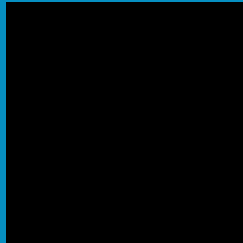
Any Text WCAG AA ✓ Pass

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 107.7370, -97.7020, -13.4940 Background



This preview shows how black text looks on a background with the YIQ color 107.7370, -97.7020, -13.4940.

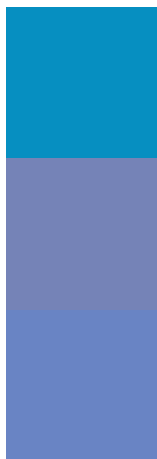


This preview shows how white text looks on a background with the YIQ color 107.7370, -97.7020, -13.4940.

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

107.7370, -97.7020, -13.4940

Protanopia

132.7420, -25.0360, 13.2040

Deuteranopia

131.2230, -36.6360, 14.1800



Tritanopia

104.4150, -91.4640, -27.4320

Trichromacy



Original Color

107.7370, -97.7020, -13.4940

Protanomaly

123.5860, -51.2600, 3.8760

Deuteranomaly

122.6930, -58.8710, 4.1450

Tritanomaly

105.7940, -93.8490, -22.7530

Monochromacy



Original Color

107.7370, -97.7020, -13.4940

Achromatopsia

108.0000, -0.0000, 0.0000

Achromatomaly

108.1020, -35.5780, -5.0020

CSS Examples

Text

The CSS property to change the color of the text to YIQ 107.7370, -97.7020, -13.4940 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(6, 143, 193)` looks like.

```
.text, #text, p{  
    color:rgb(6, 143, 193)  
}
```

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(6, 143, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 143, 193) }
```

Border

The CSS property to change the border of an element to YIQ 107.7370, -97.7020, -13.4940 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(6, 143, 193) }
```


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

```
.border{ border-color:rgb(6, 143, 193) }
```

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

Here you see how a box with a 4 pixel rgb(6, 143, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 143, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 143, 193);  
box-shadow:4px 4px 4px 4px rgb(6, 143,  
193) }
```

Background

The CSS property to change the background color of an element to YIQ 107.7370, -97.7020, -13.4940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 143, 193) }
```

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

```
.background{ background-color: rgb(6, 143,  
193) }
```

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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