

Converting Colors

YIQ(71.3670, 76.9780, 14.6260)

Have a look what the booklet for
YIQ(71.3670, 76.9780, 14.6260)
contains.

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Color

**YIQ(71.3670, 76.9780,
14.6260)**

Conversions

Conversions Part 1

Format	Color
Hex	9A290B
RGB	154, 41, 11
RGB Percent	60%, 16%, 4%
CMY	0.3958, 0.8394, 0.9565
CMYK	0.00, 0.73, 0.93, 0.40
HSL	13°, 87%, 32%
HSV	13°, 93%, 60%
XYZ	14.1908, 8.4832, 1.2087
YIQ	71.3670, 76.9780, 14.6260

Conversions

Conversions Part 2

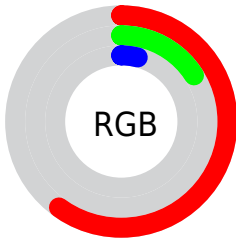
Format	Color
RYB	154, 49, 11
Decimal	10103051
CIELab	34.97, 45.56, 43.26
CIElCh	35, 62.826, 43.522
Yxy	8.4832, 0.5942, 0.3552
Android (android.graphics.Color)	4288293131 (0xFF9A290B)
YUV	71.3670, -29.7609, 72.4691
Hunter-Lab	29.1260, 35.9983, 17.9278

Details

The YIQ color **71.3670, 76.9780, 14.6260** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **93.6330, -76.9780, -14.6260**, and the grayscale version is **72.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **126.3740, 84.2680, 14.6680**, and **28.1060, 56.0240, 19.9280** is the 20% darker color. If you saturate the color by 10%, you get **64.8300, 82.9840, 15.9120**, and if you desaturate by 10%, it is **80.1210, 68.8630, 13.0150**.

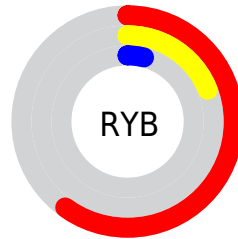
Distribution



Red (60%)

Green (16%)

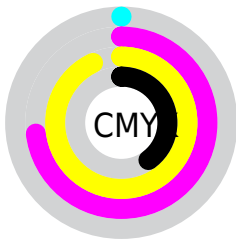
Blue (4%)



Red (60%)

Yellow (19%)

Blue (4%)

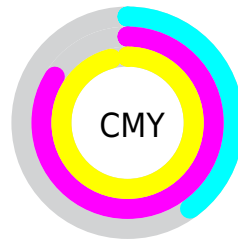


Cyan (0%)

Magenta (73%)

Yellow (93%)

Black (40%)



Cyan (40%)


Magenta (84%)


Yellow (96%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 71.3670, 76.9780, 14.6260 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 71.3670, 76.9780, 14.6260 by changing the saturation by 10% instead.


 71.3670, 76.9780,
14.6260


 71.3670, 76.9780,
14.6260


 253.6320, 3.8520,
-3.7320


 40.5980, 72.2540,
23.1500


 126.3740, 84.2680,
14.6680


 28.1060, 56.0240,
19.9280

 154.2280, 87.6150,
14.5830


 19.4350, 38.7400,
13.7800

 175.3190, 76.9330,
9.9330

 11.1770, 21.7310,
8.1550

 194.1320, 61.1620,
3.8980

 0.0000, 0.0000,
0.0000

 214.2330, 44.5200,
-2.8720

 233.7470, 28.1530,

-9.1190

■ 250.4400, 12.8400,
-12.4400

■ 71.3670, 76.9780,
14.6260

■ 71.3670, 76.9780,
14.6260

■ 64.8300, 82.9840,
15.9120

■ 80.1210, 68.8630,
13.0150

■ 88.9890, 60.4270,
11.7150

■ 98.3300, 52.0370,
9.5810

■ 107.1980, 43.6010,
8.2810

■ 115.9520, 35.4860,
6.6700

■ 124.8200, 27.0500,
5.3700

■ 133.5740, 18.9350,
3.7590

■ 142.3280, 10.8200,
2.1480

■ 151.7830, 2.1090,
0.3250

Harmonies

Analogous

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



57.0010, 79.6300, 54.6860



71.3670, 76.9780, 14.6260



77.8670, 54.0580, -10.5340

Triad

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



71.3670, 76.9780, 14.6260



65.2150, -44.4670, -36.6510



68.1810, -80.3760, 13.9280

Complementary

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



71.3670, 76.9780, 14.6260



93.6330, -76.9780, -14.6260

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.



76.8720, -84.1800, 5.7720



71.3670, 76.9780, 14.6260



72.3170, -61.7090, -21.5250

Square

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



71.3670, 76.9780, 14.6260



56.9390, -26.6750, -50.7310



77.0880, -76.5210, -6.3850



82.9590, 0.3590, 43.0710

Rectangle

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



71.3670, 76.9780, 14.6260



76.8380, 34.6660, -22.5340



77.0880, -76.5210, -6.3850



72.0450, -82.9890, 11.7230

Sweetspot

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



71.3670, 76.9780, 14.6260



168.7880, 30.0760, 5.5960



66.7530, 48.6340, 65.7700



82.1610, 18.6600, 3.2360



230.0000, -0.0000, 0.0000



102.0000, -0.0000, -0.0000

Same Dimension

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



71.3670, 76.9780, 14.6260



84.7530, 108.2460, 20.6460



112.4570, 57.7280, -21.9840



71.9790, 4.4930, 1.1730



58.8830, 75.4650, 14.5130



5.6480, 6.9230, 1.1870

Inverse Universe

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



93.6330, -76.9780, -14.6260



116.2470, -108.2460, -20.6460



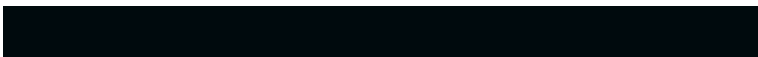
52.5430, -57.7280, 21.9840



73.4340, -4.2180, -0.6500



81.1170, -75.4650, -14.5130



7.3520, -6.9230, -1.1870

Previews

White Background



This preview shows how the YIQ color 71.3670, 76.9780, 14.6260 looks on a white 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 ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

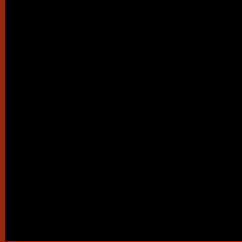
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 71.3670, 76.9780, 14.6260

Background



This preview shows how black text looks on a background with the YIQ color 71.3670, 76.9780, 14.6260.



This preview shows how white text looks on a background with the YIQ color 71.3670, 76.9780,

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

71.3670, 76.9780, 14.6260

Protanopia

79.9220, 25.8620, -17.1620

Deuteranopia

77.7680, 40.8550, -19.0570



Tritanopia

73.2110, 69.0900, 25.4260

Trichromacy



Original Color

71.3670, 76.9780, 14.6260

Protanomaly

76.6520, 44.6580, -5.3740

Deuteranomaly

75.3880, 54.1490, -6.6750

Tritanomaly

72.5440, 72.3460, 21.4820

Monochromacy



Original Color

71.3670, 76.9780, 14.6260

Achromatopsia

71.0000, -0.0000, -0.0000

Achromatomaly

71.0050, 27.9670, 5.2710

CSS Examples

Text

The CSS property to change the color of the text to YIQ 71.3670, 76.9780, 14.6260 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(154, 41, 11)` looks like.

```
.text, #text, p{  
    color:rgb(154, 41, 11)  
}
```

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(154, 41, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 41, 11) }
```

Border

The CSS property to change the border of an element to YIQ 71.3670, 76.9780, 14.6260 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(154, 41, 11) }
```


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

```
.border{ border-color:rgb(154, 41, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 41, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 41, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 41, 11);  
box-shadow:4px 4px 4px 4px rgb(154, 41,  
11) }
```

Background

The CSS property to change the background color of an element to YIQ 71.3670, 76.9780, 14.6260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 41, 11) }
```

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

```
.background{ background-color: rgb(154, 41,  
11) }
```

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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