

Converting Colors

YIQ(104.8010, 72.7600, 13.9760)

Have a look what the booklet for
YIQ(104.8010, 72.7600, 13.9760)
contains.

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Color

**YIQ(104.8010, 72.7600,
13.9760)**

Conversions

Conversions Part 1

Format	Color
Hex	B74C30
RGB	183, 76, 48
RGB Percent	72%, 30%, 19%
CMY	0.2821, 0.7021, 0.8115
CMYK	0.00, 0.59, 0.74, 0.28
HSL	12°, 58%, 45%
HSV	12°, 74%, 72%
XYZ	22.6593, 15.4514, 4.5930
YIQ	104.8010, 72.7600, 13.9760

Conversions

Conversions Part 2

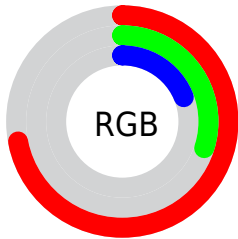
Format	Color
R_{YB}	183, 83, 48
Decimal	12012592
CIE _{Lab}	46.25, 41.73, 37.70
CIE _{LCh}	46, 56.236, 42.097
Yxy	15.4514, 0.5306, 0.3618
Android (android.graphics.Color)	4290202672 (0xFFB74C30)
YUV	104.8010, -28.0029, 68.5805
Hunter-Lab	39.3083, 34.1069, 20.5880

Details

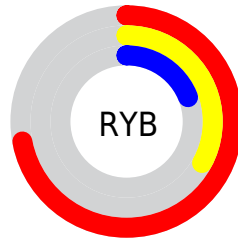
The YIQ color **104.8010, 72.7600, 13.9760** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **126.1990, -72.7600, -13.9760**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.0360, 79.4080, 14.6400**, and **49.8050, 66.9370, 14.8810** is the 20% darker color. If you saturate the color by 10%, you get **93.9440, 82.6630, 16.2230**, and if you desaturate by 10%, it is **115.0710, 63.1320, 12.2520**.

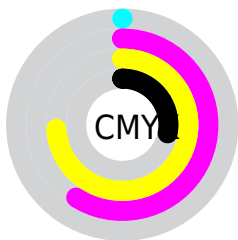
Distribution



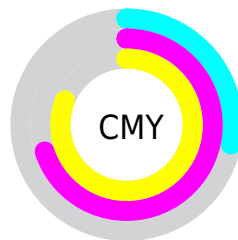
- Red (72%)
- Green (30%)
- Blue (19%)



- Red (72%)
- Yellow (33%)
- Blue (19%)



- Cyan (0%)
- Magenta (59%)
- Yellow (74%)
- Black (28%)





- Cyan (28%)
- Magenta (70%)
- Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 104.8010, 72.7600, 13.9760 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 104.8010, 72.7600, 13.9760 by changing the saturation by 10% instead.


 104.8010, 72.7600,
13.9760


 104.8010, 72.7600,
13.9760


255.0000, -0.0000,
-0.0000


 78.0610, 69.0920,
14.3720


 159.0360, 79.4080,
14.6400


 49.9190, 66.6160,
15.1920


 181.0240, 70.5140,
10.6260


 28.1060, 56.0240,
19.9280

 200.4240, 54.4680,
4.0680

 19.4350, 38.7400,
13.7800

 219.9380, 38.1010,
-2.1790

 11.7750, 22.9230,
8.5790

 240.0390, 21.4590,
-8.9490

 0.0000, 0.0000,
0.0000

 252.0360, 8.3460,

-8.0860

■ 104.8010, 72.7600,
13.9760

■ 104.8010, 72.7600,
13.9760

■ 93.9440, 82.6630,
16.2230

■ 115.0710, 63.1320,
12.2520

■ 83.5600, 92.6120,
17.6360

■ 126.0420, 52.9080,
10.3160

■ 77.0230, 98.6180,
18.9220

■ 136.8990, 43.0050,
8.0690

■ 147.1690, 33.3770,
6.3450

■ 158.1400, 23.1530,
4.4090

■ 168.4100, 13.5250,
2.6850

■ 179.2670, 3.6220,
0.4380

■ 189.6510, -6.3270,
-0.9750

■ 200.5080,
-16.2300, -3.2220

Harmonies

Analogous

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



103.4150, 68.9960, 38.1480



104.8010, 72.7600, 13.9760



103.5120, 65.0630, -17.2490

Triad

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



104.8010, 72.7600, 13.9760



84.7290, -60.8340, -42.8980



96.2800, -76.3410, 12.3870

Complementary

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



104.8010, 72.7600, 13.9760



126.1990, -72.7600, -13.9760

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.



94.8870, -97.7040, -2.4400



104.8010, 72.7600, 13.9760



91.4890, -77.1130, -28.7050

Square

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



104.8010, 72.7600, 13.9760



94.3760, -8.6120, -42.1800



95.3310, -90.6870, -13.9750



112.5410, -1.5200, 38.5760

Rectangle

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



104.8010, 72.7600, 13.9760



102.5540, 46.9090, -29.6590



95.3310, -90.6870, -13.9750



90.1740, -96.8340, 3.8220

Sweetspot

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



104.8010, 72.7600, 13.9760



207.0050, 27.9670, 5.2710



100.6770, 45.7920, 62.2080



101.7910, 16.8260, 3.4340



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



104.8010, 72.7600, 13.9760



116.3190, 112.4640, 21.2960



144.1300, 54.3350, -21.0650



86.8650, 4.8140, 0.8620



65.4280, 84.1760, 16.3360



11.8940, 15.0380, 2.7980

Inverse Universe

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



126.1990, -72.7600, -13.9760



149.2680, -112.7390, -21.8190



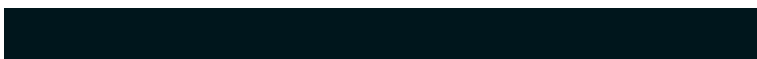
87.4570, -54.6100, 20.5420



88.1350, -4.8140, -0.8620



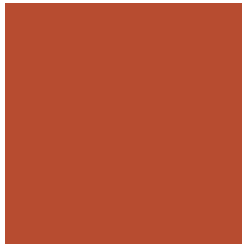
89.9850, -83.9010, -15.8130



16.1060, -15.0380, -2.7980

Previews

White Background



This preview shows how the YIQ color 104.8010, 72.7600, 13.9760 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 × Fail

Black Background



This preview shows how the YIQ color 104.8010, 72.7600, 13.9760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

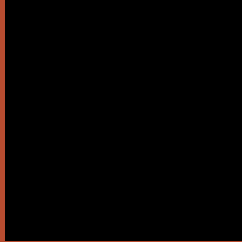
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 104.8010, 72.7600, 13.9760

Background



This preview shows how black text looks on a background with the YIQ color 104.8010, 72.7600, 13.9760.



This preview shows how white text looks on a background with the YIQ color 104.8010, 72.7600,

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

104.8010, 72.7600, 13.9760

Protanopia

107.4750, 22.9270, -13.5290

Deuteranopia

107.2720, 39.6160, -13.1200



Tritanopia

106.0580, 65.1470, 25.2990

Trichromacy



Original Color

104.8010, 72.7600, 13.9760

Protanomaly

106.8520, 41.2190, -3.6210

Deuteranomaly

106.2400, 51.8100, -2.8300

Tritanomaly

105.3910, 68.4030, 21.3550

Monochromacy



Original Color

104.8010, 72.7600, 13.9760

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

104.5210, 26.4540, 5.1580

CSS Examples

Text

The CSS property to change the color of the text to YIQ 104.8010, 72.7600, 13.9760 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(183, 76, 48)` looks like.

```
.text, #text, p{  
    color:rgb(183, 76, 48)  
}
```

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(183, 76, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 76, 48) }
```

Border

The CSS property to change the border of an element to YIQ 104.8010, 72.7600, 13.9760 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(183, 76, 48) }
```


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

```
.border{ border-color:rgb(183, 76, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 76, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 76, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 76, 48);  
box-shadow:4px 4px 4px 4px rgb(183, 76,  
48) }
```

Background

The CSS property to change the background color of an element to YIQ 104.8010, 72.7600, 13.9760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 76, 48) }
```

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

```
.background{ background-color: rgb(183, 76,  
48) }
```

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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