

Converting Colors

YIQ(108.2840, 74.8730, -7.8070)

Have a look what the booklet for
YIQ(108.2840, 74.8730, -7.8070)
contains.

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Color

**YIQ(108.2840, 74.8730,
-7.8070)**

Conversions

Conversions Part 1

Format	Color
Hex	AF5D0C
RGB	175, 93, 12
RGB Percent	69%, 36%, 5%
CMY	0.3136, 0.6354, 0.9526
CMYK	0.00, 0.47, 0.93, 0.31
HSL	30°, 87%, 37%
HSV	30°, 93%, 69%
XYZ	21.6657, 16.9676, 2.4839
YIQ	108.2840, 74.8730, -7.8070

Conversions

Conversions Part 2

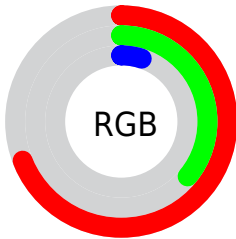
Format	Color
RYB	175, 173, 12
Decimal	11492620
CIELab	48.22, 28.63, 54.00
CIElCh	48, 61.118, 62.072
Yxy	16.9676, 0.5269, 0.4127
Android (android.graphics.Color)	4289682700 (0xFFAF5D0C)
YUV	108.2840, -47.4680, 58.5099
Hunter-Lab	41.1918, 21.8004, 25.2589

Details

The YIQ color **108.2840, 74.8730, -7.8070** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **78.7160, -74.8730, 7.8070**, and the grayscale version is **109.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **162.7300, 79.5490, -4.4430**, and **61.0990, 56.7610, 1.0570** is the 20% darker color. If you saturate the color by 10%, you get **103.3940, 80.3750, -8.4010**, and if you desaturate by 10%, it is **115.6190, 66.6200, -6.9160**.

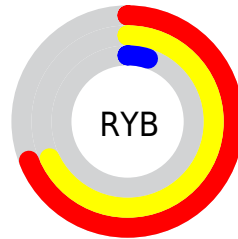
Distribution



Red (69%)

Green (36%)

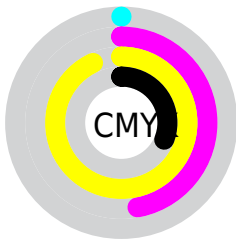
Blue (5%)



Red (69%)

Yellow (68%)

Blue (5%)

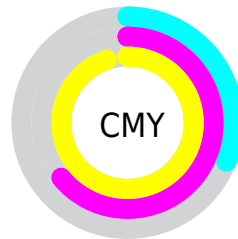


Cyan (0%)

Magenta (47%)

Yellow (93%)

Black (31%)



Cyan (31%)

Magenta (64%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 108.2840, 74.8730, -7.8070 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 108.2840, 74.8730, -7.8070 by changing the saturation by 10% instead.

108.2840, 74.8730,
-7.8070

108.2840, 74.8730,
-7.8070

255.0000, -0.0000,
-0.0000

83.8580, 67.4450,
-5.3470

162.7300, 79.5490,
-4.4430

61.0990, 56.7610,
1.0570

187.2240, 75.1020,
-6.4500

38.9270, 45.8020,
6.9380

206.0370, 59.3310,
-12.4850

17.6410, 35.1640,
12.5080

226.0240, 43.0100,
-19.5660

10.5790, 20.5390,
7.7310

245.6520, 26.3220,
-25.5020

0.0000, 0.0000,
0.0000

248.8440, 17.3340,

-16.7940

■ 252.0360, 8.3460,
-8.0860

■ 108.2840, 74.8730,
-7.8070

■ 108.2840, 74.8730,
-7.8070

■ 103.3940, 80.3750,
-8.4010

■ 115.6190, 66.6200,
-6.9160

■ 122.8400, 58.6880,
-6.3360

■ 129.5880, 50.7100,
-4.9220

■ 136.8090, 42.7780,
-4.3420

■ 144.1440, 34.5250,
-3.4510

■ 151.3650, 26.5930,
-2.8710

■ 158.7000, 18.3400,
-1.9800

■ 165.3340, 10.6830,
-0.8770

■ 172.6690, 2.4300,
0.0140

Harmonies

Analogous

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



107.7840, 80.5980, 26.1180



108.2840, 74.8730, -7.8070



106.6960, 49.3850, -30.4790

Triad

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



108.2840, 74.8730, -7.8070



94.3440, -75.5070, -35.7870



116.2380, -22.6560, 36.1600

Complementary

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



108.2840, 74.8730, -7.8070



78.7160, -74.8730, 7.8070

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.



95.2920, -102.9780, 5.0380



108.2840, 74.8730, -7.8070



99.5710, -91.6030, -19.4030

Square

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



108.2840, 74.8730, -7.8070



85.8400, -57.0730, -50.4890



100.9680, -102.4260, -4.9700



114.7690, 33.3690, 50.5610

Rectangle

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



108.2840, 74.8730, -7.8070



102.4000, 26.3710, -42.9170



100.9680, -102.4260, -4.9700



111.3810, -48.2840, 27.0440

Sweetspot

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



108.2840, 74.8730, -7.8070



200.9200, 29.3440, -3.1680



70.3130, 70.1840, 60.6800



98.8140, 18.0190, -1.6690



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



108.2840, 74.8730, -7.8070



134.2040, 104.2170, -10.9750



154.6570, 53.1480, -49.1240



83.0390, 4.2640, -0.1840



88.8750, 68.7750, -7.4250



13.3340, 10.6830, -0.8770

Inverse Universe

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



78.7160, -74.8730, 7.8070



92.7960, -104.2170, 10.9750



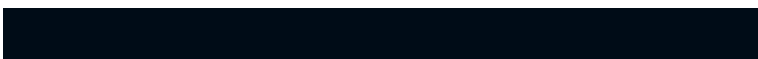
32.3430, -53.1480, 49.1240



81.3740, -3.9890, 0.7070



61.7120, -69.0500, 6.9020



9.6660, -10.6830, 0.8770

Previews

White Background



This preview shows how the YIQ color 108.2840, 74.8730, -7.8070 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 108.2840, 74.8730, -7.8070 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 108.2840, 74.8730, -7.8070

Background



This preview shows how black text looks on a background with the YIQ color 108.2840, 74.8730, -7.8070.



This preview shows how white text looks on a background with the YIQ color 108.2840, 74.8730, -7.8070.

-7.8070.

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

108.2840, 74.8730, -7.8070

Protanopia

108.5410, 39.7560, -26.6760

Deuteranopia

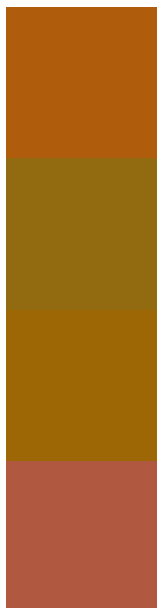
107.3380, 56.4450, -26.2670



Tritanopia

114.8930, 52.3100, 21.1580

Trichromacy



Original Color

108.2840, 74.8730, -7.8070

Protanomaly

108.2870, 52.4550, -20.0330

Deuteranomaly

107.5610, 63.3670, -19.5530

Tritanomaly

112.4620, 60.4730, 10.8810

Monochromacy



Original Color

108.2840, 74.8730, -7.8070

Achromatopsia

108.0000, -0.0000, 0.0000

Achromatomaly

108.2510, 26.9140, -3.1820

CSS Examples

Text

The CSS property to change the color of the text to YIQ 108.2840, 74.8730, -7.8070 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(175, 93, 12)` looks like.

```
.text, #text, p{  
    color:rgb(175, 93, 12)  
}
```

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(175, 93, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 93, 12) }
```

Border

The CSS property to change the border of an element to YIQ 108.2840, 74.8730, -7.8070 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(175, 93, 12) }
```


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

```
.border{ border-color:rgb(175, 93, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 93, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 93, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 93, 12);  
box-shadow:4px 4px 4px 4px rgb(175, 93,  
12) }
```

Background

The CSS property to change the background color of an element to YIQ 108.2840, 74.8730, -7.8070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 93, 12) }
```

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

```
.background{ background-color: rgb(175, 93,  
12) }
```

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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