

Converting Colors

YIQ(147.8010, 46.3970, 12.6770)

Have a look what the booklet for
YIQ(147.8010, 46.3970, 12.6770)
contains.

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Color

**YIQ(147.8010, 46.3970,
12.6770)**

Conversions

Conversions Part 1

Format	Color
Hex	C87F76
RGB	200, 127, 118
RGB Percent	78%, 50%, 46%
CMY	0.2155, 0.5021, 0.5371
CMYK	0.00, 0.37, 0.41, 0.22
HSL	7°, 43%, 62%
HSV	7°, 41%, 78%
XYZ	34.6892, 28.7652, 20.8787
YIQ	147.8010, 46.3970, 12.6770

Conversions

Conversions Part 2

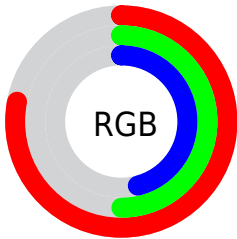
Format	Color
R_{YB}	200, 128, 118
Decimal	13139830
CIE _{Lab}	60.57, 27.26, 16.69
CIE _{LCh}	61, 31.964, 31.484
Yxy	28.7652, 0.4113, 0.3411
Android (android.graphics.Color)	4291329910 (0xFFC87F76)
YUV	147.8010, -14.6919, 45.7785
Hunter-Lab	53.6332, 21.5930, 14.4625

Details

The YIQ color **147.8010, 46.3970, 12.6770** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **170.1990, -46.3970, -12.6770**, and the grayscale version is **148.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **201.2850, 47.9100, 12.7900**, and **95.9360, 41.5830, 11.8150** is the 20% darker color. If you saturate the color by 10%, you get **134.9550, 57.7670, 15.8710**, and if you desaturate by 10%, it is **160.6470, 35.0270, 9.4830**.

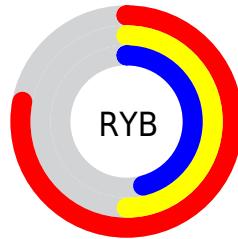
Distribution



Red (78%)

Green (50%)

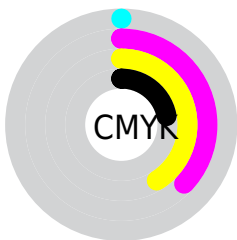
Blue (46%)



Red (78%)

Yellow (50%)

Blue (46%)

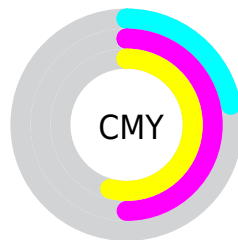


Cyan (0%)

Magenta (37%)

Yellow (41%)

Black (22%)



Cyan (22%)

Magenta (50%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 147.8010, 46.3970, 12.6770 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 147.8010, 46.3970, 12.6770 by changing the saturation by 10% instead.

■ 147.8010, 46.3970,
12.6770

■ 147.8010, 46.3970,
12.6770

255.0000, -0.0000,
-0.0000

■ 121.0180, 44.2880,
12.3520

■ 201.2850, 47.9100,
12.7900

■ 96.2350, 42.1790,
12.0270

■ 220.7990, 31.5430,
6.5430

■ 71.1530, 39.4740,
11.4900

■ 241.0140, 14.5800,
0.0840

■ 47.1850, 36.4480,
11.2640

254.8860, 0.3210,
-0.3110

■ 22.0710, 36.7690,
10.9530

■ 12.3730, 24.1150,
9.0030

■ 0.0000, 0.0000,

0.0000

■ 147.8010, 46.3970,
12.6770

■ 147.8010, 46.3970,
12.6770

■ 134.9550, 57.7670,
15.8710

■ 160.6470, 35.0270,
9.4830

■ 122.1090, 69.1370,
19.0650

■ 173.4930, 23.6570,
6.2890

■ 109.2630, 80.5070,
22.2590

■ 185.7520, 12.5620,
3.6180

■ 97.0040, 91.6020,
24.9300

■ 198.5980, 1.1920,
0.4240

■ 84.1580, 102.9720,
28.1240

■ 211.4440,
-10.1780, -2.7700

■ 72.7140, 113.1500,
30.8940

■ 224.2900,
-21.5480, -5.9640

■ 236.7940,
-31.9550, -10.0910

■ 238.5550,
-32.7800, -11.6600

Harmonies

Analogous

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



148.9330, 37.6380, 22.7420



147.8010, 46.3970, 12.6770



146.2160, 43.1900, -0.7940

Triad

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



147.8010, 46.3970, 12.6770



136.6850, -22.0030, -25.2590



142.1960, -41.1740, 8.3140

Complementary

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



147.8010, 46.3970, 12.6770



170.1990, -46.3970, -12.6770

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.



132.3400, -68.5430, -7.7990



147.8010, 46.3970, 12.6770



130.4010, -53.3180, -24.9180

Square

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



147.8010, 46.3970, 12.6770



140.9350, 6.6520, -21.4440



124.9330, -78.1230, -21.4110



148.2710, -10.2280, 20.1720

Rectangle

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



147.8010, 46.3970, 12.6770



145.0420, 34.5720, -9.8120



124.9330, -78.1230, -21.4110



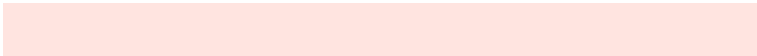
139.3580, -50.6180, 3.2540

Sweetspot

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



147.8010, 46.3970, 12.6770



235.6170, 17.3760, 4.4800



150.9540, 25.1180, 40.3980



116.5560, 10.1780, 2.7700



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.



147.8010, 46.3970, 12.6770



175.5930, 70.6500, 19.1780



171.2810, 35.3970, -8.2430



93.2780, 5.0890, 1.3850



59.3030, 92.1980, 25.1420



13.1120, 20.3560, 5.5400

Inverse Universe

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



170.1990, -46.3970, -12.6770



209.4070, -70.6500, -19.1780



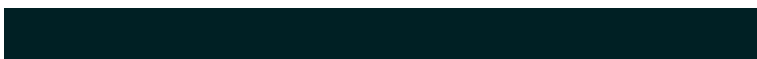
146.7190, -35.3970, 8.2430



95.7220, -5.0890, -1.3850



103.6970, -92.1980, -25.1420



22.8880, -20.3560, -5.5400

Previews

White Background



This preview shows how the YIQ color 147.8010, 46.3970, 12.6770 looks on a white background.

Color Contrast Check

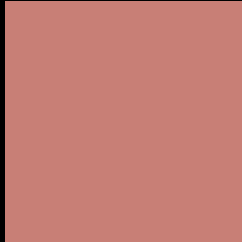
Large Text (above 18pt) WCAG AA ✓ Pass

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 147.8010, 46.3970, 12.6770 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 147.8010, 46.3970, 12.6770

Background



This preview shows how black text looks on a background with the YIQ color 147.8010, 46.3970, 12.6770.



This preview shows how white text looks on a background with the YIQ color 147.8010, 46.3970,

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

147.8010, 46.3970, 12.6770

Protanopia

146.2260, 10.8670, -4.2130

Deuteranopia

147.1200, 25.9050, -1.4150



Tritanopia

148.7500, 42.4070, 18.9110

Trichromacy



Original Color

147.8010, 46.3970, 12.6770

Protanomaly

146.8580, 23.8870, 2.1190

Deuteranomaly

147.5880, 33.5150, 3.8430

Tritanomaly

148.6530, 44.0580, 16.5220

Monochromacy



Original Color

147.8010, 46.3970, 12.6770

Achromatopsia

148.0000, -0.0000, 0.0000

Achromatomaly

147.7310, 17.0550, 4.7910

CSS Examples

Text

The CSS property to change the color of the text to YIQ 147.8010, 46.3970, 12.6770 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(200, 127, 118)` looks like.

```
.text, #text, p{  
    color:rgb(200, 127, 118)  
}
```

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(200, 127, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 127, 118) }
```

Border

The CSS property to change the border of an element to YIQ 147.8010, 46.3970, 12.6770 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(200, 127, 118) }
```


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

```
.border{ border-color:rgb(200, 127, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 127, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 127, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 127, 118);  
box-shadow:4px 4px 4px 4px rgb(200, 127,  
118) }
```

Background

The CSS property to change the background color of an element to YIQ 147.8010, 46.3970, 12.6770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 127, 118) }
```

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

```
.background{ background-color: rgb(200,  
127, 118) }
```

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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