

Converting Colors

YIQ(147.4860, 42.7300, 7.5460)

Have a look what the booklet for
YIQ(147.4860, 42.7300, 7.5460)
contains.

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Color

**YIQ(147.4860, 42.7300,
7.5460)**

Conversions

Conversions Part 1

Format	Color
Hex	C18371
RGB	193, 131, 113
RGB Percent	76%, 51%, 44%
CMY	0.2430, 0.4864, 0.5567
CMYK	0.00, 0.32, 0.41, 0.24
HSL	13°, 39%, 60%
HSV	13°, 41%, 76%
XYZ	33.0972, 28.7609, 19.4436
YIQ	147.4860, 42.7300, 7.5460

Conversions

Conversions Part 2

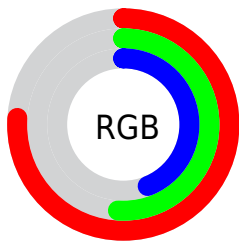
Format	Color
RYB	193, 136, 113
Decimal	12682097
CIELab	60.57, 21.72, 19.39
CIElCh	61, 29.120, 41.755
Yxy	28.7609, 0.4071, 0.3538
Android (android.graphics.Color)	4290872177 (0xFFC18371)
YUV	147.4860, -17.0016, 39.9158
Hunter-Lab	53.6292, 16.3101, 16.0445

Details

The YIQ color **147.4860, 42.7300, 7.5460** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **158.5140, -42.7300, -7.5460**, and the grayscale version is **148.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **201.8670, 46.0310, 8.2950**, and **95.9200, 38.5120, 6.8960** is the 20% darker color. If you saturate the color by 10%, you get **136.5150, 52.9540, 9.4820**, and if you desaturate by 10%, it is **158.4570, 32.5060, 5.6100**.

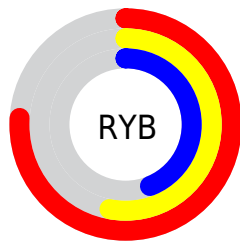
Distribution



Red (76%)

Green (51%)

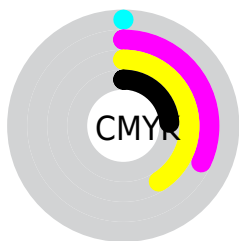
Blue (44%)



Red (76%)

Yellow (53%)

Blue (44%)

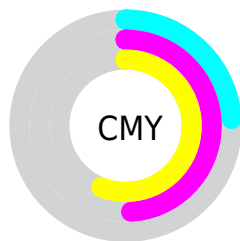


Cyan (0%)

Magenta (32%)

Yellow (41%)

Black (24%)



Cyan (24%)


Magenta (49%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 147.4860, 42.7300, 7.5460 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 147.4860, 42.7300, 7.5460 by changing the saturation by 10% instead.


 147.4860, 42.7300,
7.5460

 147.4860, 42.7300,
7.5460


255.0000, -0.0000,
-0.0000


 121.7030, 40.6210,
7.2210


 201.8670, 46.0310,
8.2950


 95.9200, 38.5120,
6.8960


 222.5770, 32.0480,
2.8960


 71.2510, 36.0820,
6.8820

 242.7920, 15.0850,
-3.5630

 48.1690, 33.3770,
6.3450

 254.3160, 1.9260,
-1.8660

 25.2720, 31.5890,
5.7090

 11.1770, 21.7310,
8.1550

 0.0000, 0.0000,

0.0000

■ 147.4860, 42.7300,
7.5460

■ 147.4860, 42.7300,
7.5460

■ 136.5150, 52.9540,
9.4820

■ 158.4570, 32.5060,
5.6100

■ 125.4300, 63.4990,
11.1070

■ 169.5420, 21.9610,
3.9850

■ 114.4590, 73.7230,
13.0430

■ 180.5130, 11.7370,
2.0490

■ 103.4880, 83.9470,
14.9790

■ 191.4840, 1.5130,
0.1130

■ 92.5170, 94.1710,
16.9150

■ 202.5690, -9.0320,
-1.5120

■ 82.9480, 103.2030,
18.4270

■ 213.5400,
-19.2560, -3.4480

■ 224.5110,
-29.4800, -5.3840

■ 234.1140,
-35.8520, -11.0520

■ 236.4620,
-36.9520, -13.1440

Harmonies

Analogous

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



149.0700, 38.5100, 17.9500



147.4860, 42.7300, 7.5460



145.6880, 35.8090, -4.6950

Triad

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



147.4860, 42.7300, 7.5460



136.4440, -28.5140, -22.8980



145.4320, -27.0990, 12.0450

Complementary

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



147.4860, 42.7300, 7.5460



158.5140, -42.7300, -7.5460

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.



137.9400, -52.4970, -1.2410



147.4860, 42.7300, 7.5460



131.4380, -54.7400, -21.1720

Square

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



147.4860, 42.7300, 7.5460



140.5580, -2.4720, -21.2880



131.0920, -65.1490, -14.2450



149.2460, 0.0880, 20.4400

Rectangle

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



147.4860, 42.7300, 7.5460



144.3830, 26.1820, -11.9460



131.0920, -65.1490, -14.2450



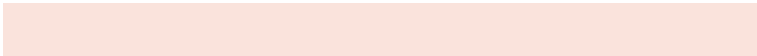
143.4200, -35.9930, 8.0310

Sweetspot

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



147.4860, 42.7300, 7.5460



233.0790, 15.9550, 2.6990



144.1020, 27.4570, 36.5530



114.7300, 9.6280, 1.7240



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.



147.4860, 42.7300, 7.5460



178.8110, 66.8000, 11.8560



170.3790, 32.0050, -12.8510



91.1640, 5.4100, 1.0740



69.2710, 86.0560, 15.3040



13.9760, 17.7430, 3.3350

Inverse Universe

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



158.5140, -42.7300, -7.5460



196.1890, -66.8000, -11.8560



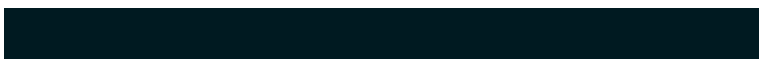
135.6210, -32.0050, 12.8510



92.8360, -5.4100, -1.0740



91.7290, -86.0560, -15.3040



19.0240, -17.7430, -3.3350

Previews

White Background



This preview shows how the YIQ color 147.4860, 42.7300, 7.5460 looks on a white background.

Color Contrast Check

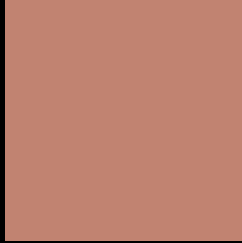
Large Text (above 18pt) WCAG AA ✓ Pass

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 147.4860, 42.7300, 7.5460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

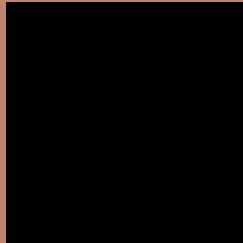
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 147.4860, 42.7300, 7.5460

Background



This preview shows how black text looks on a background with the YIQ color 147.4860, 42.7300, 7.5460.



This preview shows how white text looks on a background with the YIQ color 147.4860, 42.7300,

7.5460.

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

147.4860, 42.7300, 7.5460

Protanopia

145.7270, 13.7100, -6.1780

Deuteranopia

146.2620, 28.3810, -2.2350



Tritanopia

149.0590, 37.0430, 17.0030

Trichromacy



Original Color

147.4860, 42.7300, 7.5460

Protanomaly

146.6360, 24.3920, -1.5280

Deuteranomaly

147.0070, 33.6530, 1.3410

Tritanomaly

148.3210, 39.0610, 13.4690

Monochromacy



Original Color

147.4860, 42.7300, 7.5460

Achromatopsia

147.0000, -0.0000, 0.0000

Achromatomaly

147.1930, 15.6340, 3.0100

CSS Examples

Text

The CSS property to change the color of the text to YIQ 147.4860, 42.7300, 7.5460 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(193, 131, 113)` looks like.

```
.text, #text, p{  
    color:rgb(193, 131, 113)  
}
```

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(193, 131, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 131, 113) }
```

Border

The CSS property to change the border of an element to YIQ 147.4860, 42.7300, 7.5460 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(193, 131, 113) }
```


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

```
.border{ border-color:rgb(193, 131, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 131, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 131, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 131, 113);  
box-shadow:4px 4px 4px 4px rgb(193, 131,  
113) }
```

Background

The CSS property to change the background color of an element to YIQ 147.4860, 42.7300, 7.5460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 131, 113) }
```

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

```
.background{ background-color: rgb(193,  
131, 113) }
```

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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