

Converting Colors

YIQ(146.9990, 62.4940, -9.2340)

Have a look what the booklet for
YIQ(146.9990, 62.4940, -9.2340)
contains.

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Color

**YIQ(146.9990, 62.4940,
-9.2340)**

Conversions

Conversions Part 1

Format	Color
Hex	C9883E
RGB	201, 136, 62
RGB Percent	79%, 53%, 24%
CMY	0.2117, 0.4668, 0.7565
CMYK	0.00, 0.32, 0.69, 0.21
HSL	32°, 56%, 52%
HSV	32°, 69%, 79%
XYZ	33.7668, 30.3706, 8.6510
YIQ	146.9990, 62.4940, -9.2340

Conversions

Conversions Part 2

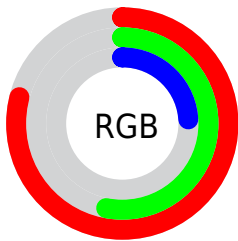
Format	Color
RYB	184, 201, 62
Decimal	13207614
CIELab	61.97, 18.03, 48.46
CIELCh	62, 51.702, 69.586
Yxy	30.3706, 0.4639, 0.4172
Android (android.graphics.Color)	4291397694 (0xFFC9883E)
YUV	146.9990, -41.9045, 47.3589
Hunter-Lab	55.1095, 12.9291, 29.2694

Details

The YIQ color **146.9990, 62.4940, -9.2340** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark muted orange. A complement of this color would be **116.0010, -62.4940, 9.2340**, and the grayscale version is **147.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **200.0700, 63.7320, -9.6440**, and **94.1510, 59.0100, -12.1740** is the 20% darker color. If you saturate the color by 10%, you get **139.4360, 71.3890, -10.7470**, and if you desaturate by 10%, it is **154.5620, 53.5990, -7.7210**.

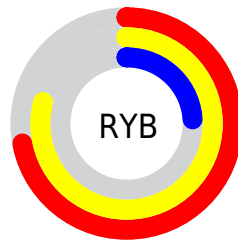
Distribution



Red (79%)

Green (53%)

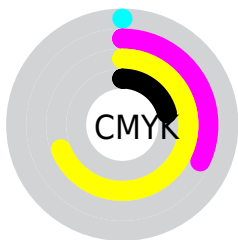
Blue (24%)



Red (72%)

Yellow (79%)

Blue (24%)

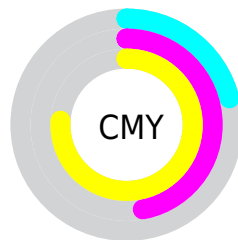


Cyan (0%)

Magenta (32%)

Yellow (69%)

Black (21%)



Cyan (21%)


Magenta (47%)


Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 146.9990, 62.4940, -9.2340 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 146.9990, 62.4940, -9.2340 by changing the saturation by 10% instead.


 146.9990, 62.4940,
-9.2340


 146.9990, 62.4940,
-9.2340


255.0000, -0.0000,
-0.0000


 120.8030, 60.1100,
-10.0820


 200.0700, 63.7320,
-9.6440


 94.1510, 59.0100,
-12.1740


 219.4700, 47.6860,
-16.2020


 71.0670, 50.6190,
-8.7810


 239.5710, 31.0440,
-22.9720

 49.1940, 40.2560,
-2.6880

 248.0460, 19.5810,
-18.9710

 28.7940, 29.9390,
2.5710

 251.2380, 10.5930,
-10.2630

 10.7640, 21.4560,
7.6320

 254.5440, 1.2840,

 0.0000, 0.0000,

-1.2440

0.0000

■ 146.9990, 62.4940,
-9.2340

■ 146.9990, 62.4940,
-9.2340

■ 139.4360, 71.3890,
-10.7470

■ 154.5620, 53.5990,
-7.7210

■ 131.2860, 80.5590,
-11.7370

■ 162.7120, 44.4290,
-6.7310

■ 123.7230, 89.4540,
-13.2500

■ 170.2750, 35.5340,
-5.2180

■ 122.9080, 90.3710,
-13.3490

■ 178.4250, 26.3640,
-4.2280

■ 186.1020, 17.1480,
-2.4040

■ 193.6650, 8.2530,
-0.8910

■ 201.8150, -0.9170,
0.0990

■ 209.3780, -9.8120,
1.6120

■ 217.5280,
-18.9820, 2.6020

Harmonies

Analogous

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



148.4420, 72.3930, 15.1210



146.9990, 62.4940, -9.2340



143.8180, 37.4180, -28.3580

Triad

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



146.9990, 62.4940, -9.2340



120.2470, -100.2190, -39.4750



154.1060, -4.7290, 36.1590

Complementary

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



146.9990, 62.4940, -9.2340



116.0010, -62.4940, 9.2340

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.



143.2170, -62.8620, 15.9060



146.9990, 62.4940, -9.2340



123.9750, -113.4720, -25.0560

Square

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



146.9990, 62.4940, -9.2340



121.6850, -66.7020, -46.6860



122.4710, -120.2600, -12.1640



153.2500, 38.9640, 42.7720

Rectangle

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



146.9990, 62.4940, -9.2340



140.3140, 12.2940, -35.5940



122.4710, -120.2600, -12.1640



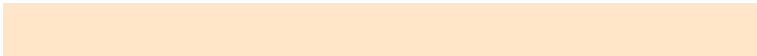
152.0760, -22.3800, 31.1560

Sweetspot

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



146.9990, 62.4940, -9.2340



234.1690, 24.2090, -3.7190



111.1990, 61.3370, 50.3050



115.5470, 14.3970, -2.1070



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.



146.9990, 62.4940, -9.2340



172.7190, 95.2770, -14.1550



184.5560, 43.4270, -43.6530



95.6260, 3.9890, -0.7070



99.8060, 73.2230, -10.9450



21.9170, 16.2310, -2.3050

Inverse Universe

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



116.0010, -62.4940, 9.2340



125.2810, -95.2770, 14.1550



78.4440, -43.4270, 43.6530



93.3740, -3.9890, 0.7070



63.1940, -73.2230, 10.9450



14.0830, -16.2310, 2.3050

Previews

White Background



This preview shows how the YIQ color 146.9990, 62.4940, -9.2340 looks on a white 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

Black Background



This preview shows how the YIQ color 146.9990, 62.4940, -9.2340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

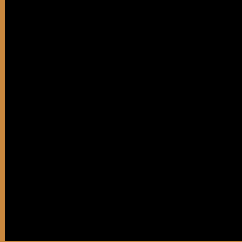
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 146.9990, 62.4940, -9.2340

Background



This preview shows how black text looks on a background with the YIQ color 146.9990, 62.4940, -9.2340.



This preview shows how white text looks on a background with the YIQ color 146.9990, 62.4940, -9.2340.

-9.2340.

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

146.9990, 62.4940, -9.2340

Protanopia

145.5070, 37.0960, -22.5200

Deuteranopia

146.6940, 52.8670, -16.4850



Tritanopia

152.3480, 43.5990, 19.3350

Trichromacy



Original Color

146.9990, 62.4940, -9.2340

Protanomaly

146.0460, 45.9440, -17.6720

Deuteranomaly

146.5420, 56.3510, -13.5450

Tritanomaly

150.4330, 50.2490, 8.9450

Monochromacy



Original Color

146.9990, 62.4940, -9.2340

Achromatopsia

147.0000, -0.0000, 0.0000

Achromatomaly

147.0980, 22.9710, -3.3090

CSS Examples

Text

The CSS property to change the color of the text to YIQ 146.9990, 62.4940, -9.2340 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(201, 136, 62)` looks like.

```
.text, #text, p{  
    color:rgb(201, 136, 62)  
}
```

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(201, 136, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 136, 62) }
```

Border

The CSS property to change the border of an element to YIQ 146.9990, 62.4940, -9.2340 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(201, 136, 62) }
```


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

```
.border{ border-color:rgb(201, 136, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 136, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 136, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 136, 62);  
box-shadow:4px 4px 4px 4px rgb(201, 136,  
62) }
```

Background

The CSS property to change the background color of an element to YIQ 146.9990, 62.4940, -9.2340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 136, 62) }
```

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

```
.background{ background-color: rgb(201,  
136, 62) }
```

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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