

Converting Colors

YIQ(167.5900, 47.2280,
-18.9160)

Have a look what the booklet for
YIQ(167.5900, 47.2280, -18.9160)
contains.

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Color

**YIQ(167.5900, 47.2280,
-18.9160)**

Conversions

Conversions Part 1

Format	Color
Hex	C9A753
RGB	201, 167, 83
RGB Percent	79%, 65%, 33%
CMY	0.2117, 0.3451, 0.6742
CMYK	0.00, 0.17, 0.59, 0.21
HSL	43°, 52%, 56%
HSV	43°, 59%, 79%
XYZ	39.4692, 40.6762, 13.9677
YIQ	167.5900, 47.2280, -18.9160

Conversions

Conversions Part 2

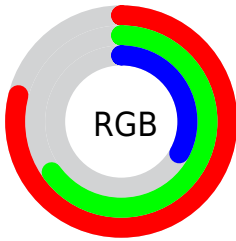
Format	Color
RYB	131, 201, 83
Decimal	13215571
CIELab	69.95, 2.56, 47.32
CIELCh	70, 47.389, 86.900
Yxy	40.6762, 0.4194, 0.4322
Android (android.graphics.Color)	4291405651 (0xFFC9A753)
YUV	167.5900, -41.7029, 29.3006
Hunter-Lab	63.7779, -1.1457, 31.6597

Details

The YIQ color **167.5900, 47.2280, -18.9160** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **116.4100, -47.2280, 18.9160**, and the grayscale version is **168.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **221.9490, 47.5950, -20.0610**, and **114.2090, 43.9270, -19.6650** is the 20% darker color. If you saturate the color by 10%, you get **161.7880, 55.2980, -21.9980**, and if you desaturate by 10%, it is **173.3920, 39.1580, -15.8340**.

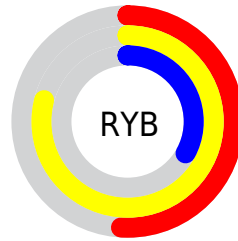
Distribution



Red (79%)

Green (65%)

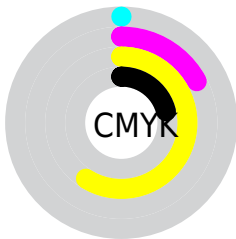
Blue (33%)



Red (51%)

Yellow (79%)

Blue (33%)

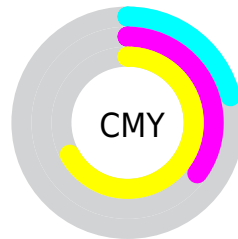


Cyan (0%)

Magenta (17%)

Yellow (59%)

Black (21%)



Cyan (21%)

Magenta (35%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 167.5900, 47.2280, -18.9160 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 167.5900, 47.2280, -18.9160 by changing the saturation by 10% instead.

■ 167.5900, 47.2280,
-18.9160

■ 167.5900, 47.2280,
-18.9160

■ 255.0000, -0.0000,
-0.0000

■ 140.8070, 45.1190,
-19.2410

■ 221.9490, 47.5950,
-20.0610

■ 114.2090, 43.9270,
-19.6650

■ 241.4630, 31.2280,
-26.3080

■ 88.2150, 43.7900,
-22.6900

■ 247.5900, 20.8650,
-20.2150

■ 66.8260, 34.9400,
-16.4840

■ 250.7820, 11.8770,
-11.5070

■ 46.1380, 25.4940,
-10.4900

■ 254.0880, 2.5680,
-2.4880

■ 26.0370, 15.7730,
-5.0190

■ 1.7940, 3.5760,

1.2720

■ 0.0000, 0.0000,
0.0000

■ 167.5900, 47.2280,
-18.9160

■ 167.5900, 47.2280,
-18.9160

■ 161.7880, 55.2980,
-21.9980

■ 173.3920, 39.1580,
-15.8340

■ 155.9860, 63.3680,
-25.0800

■ 179.1940, 31.0880,
-12.7520

■ 150.7710, 71.1630,
-28.6850

■ 184.4090, 23.2930,
-9.1470

■ 144.9690, 79.2330,
-31.7670

■ 190.2110, 15.2230,
-6.0650

■ 144.0400, 80.4710,
-32.1770

■ 196.1270, 6.8320,
-2.6720

■ 201.9290, -1.2380,
0.4100

■ 207.7310, -9.3080,
3.4920

■ 212.9460,
-17.1030, 7.0970

■ 217.7220,
-22.2840, 7.3800

Harmonies

Analogous

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



170.0030, 65.8390, 1.7350



167.5900, 47.2280, -18.9160



163.3900, 15.1360, -32.0320

Triad

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



167.5900, 47.2280, -18.9160



136.4160, -119.5680, -35.7280



175.8610, 20.9460, 38.9140

Complementary

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



167.5900, 47.2280, -18.9160



116.4100, -47.2280, 18.9160

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.



173.0110, -23.7550, 28.5410



167.5900, 47.2280, -18.9160



137.3570, -129.1070, -22.5390

Square

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



167.5900, 47.2280, -18.9160



132.1010, -106.0400, -49.6240



158.9820, -78.6780, 5.1780



174.1620, 53.5910, 36.4950

Rectangle

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



167.5900, 47.2280, -18.9160



158.7980, -12.5560, -36.7800



158.9820, -78.6780, 5.1780



175.5650, 7.1000, 36.5400

Sweetspot

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



167.5900, 47.2280, -18.9160



242.1250, 18.3410, -7.5070



122.2720, 59.0930, 35.9010



119.4110, 11.7840, -4.3120



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.



167.5900, 47.2280, -18.9160



204.7710, 71.1630, -28.6850



180.3720, 23.5740, -41.7860



96.8000, 3.4390, -1.7530



116.8290, 65.2480, -26.1120



25.4390, 14.5810, -5.4430

Inverse Universe

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



116.4100, -47.2280, 18.9160



127.2290, -71.1630, 28.6850



103.6280, -23.5740, 41.7860



92.2000, -3.4390, 1.7530



46.1710, -65.2480, 26.1120



9.9740, -14.3060, 5.9660

Previews

White Background



This preview shows how the YIQ color 167.5900, 47.2280, -18.9160 looks on a white background.

Color Contrast Check

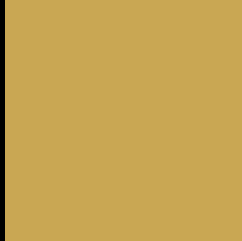
Large Text (above 18pt) WCAG AA × Fail

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 167.5900, 47.2280, -18.9160 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 167.5900, 47.2280, -18.9160

Background



This preview shows how black text looks on a background with the YIQ color 167.5900, 47.2280, -18.9160.



This preview shows how white text looks on a background with the YIQ color 167.5900, 47.2280,

-18.9160.

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

167.5900, 47.2280, -18.9160

Protanopia

166.4640, 38.6550, -23.2410

Deuteranopia

168.3460, 53.9670, -14.3930



Tritanopia

173.7310, 26.2230, 14.8550

Trichromacy



Original Color

167.5900, 47.2280, -18.9160

Protanomaly

167.0730, 41.3140, -21.8700

Deuteranomaly

167.7370, 51.3080, -15.7640

Tritanomaly

171.5340, 33.6070, 2.1750

Monochromacy



Original Color

167.5900, 47.2280, -18.9160

Achromatopsia

168.0000, -0.0000, -0.0000

Achromatomaly

168.0540, 17.1030, -7.0970

CSS Examples

Text

The CSS property to change the color of the text to YIQ 167.5900, 47.2280, -18.9160 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, 167, 83)` looks like.

```
.text, #text, p{  
    color:rgb(201, 167, 83)  
}
```

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, 167, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 167, 83) }
```

Border

The CSS property to change the border of an element to YIQ 167.5900, 47.2280, -18.9160 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, 167, 83) }
```


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

```
.border{ border-color:rgb(201, 167, 83) }
```

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

Here you see how a box with a 4 pixel rgb(201, 167, 83) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 167, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 167, 83);  
box-shadow:4px 4px 4px 4px rgb(201, 167,  
83) }
```

Background

The CSS property to change the background color of an element to YIQ 167.5900, 47.2280, -18.9160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 167, 83) }
```

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

```
.background{ background-color: rgb(201,  
167, 83) }
```

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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