

# Converting Colors

YIQ(162.3700, 53.4190,  
-26.4930)

Have a look what the booklet for  
YIQ(162.3700, 53.4190, -26.4930)  
contains.

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# Color

**YIQ(162.3700, 53.4190,  
-26.4930)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C5A53A
RGB	197, 165, 58
RGB Percent	77%, 65%, 23%
CMY	0.2274, 0.3530, 0.7722
CMYK	0.00, 0.16, 0.71, 0.23
HSL	46°, 54%, 50%
HSV	46°, 71%, 77%
XYZ	37.2449, 39.0822, 9.5936
YIQ	162.3700, 53.4190, -26.4930

# Conversions

## Conversions Part 2

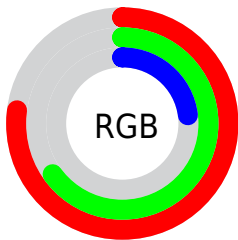
<b>Format</b>	<b>Color</b>
<b>RYB</b>	100, 197, 58
Decimal	12952890
CIELab	68.81, 0.32, 57.23
CIELCh	69, 57.230, 89.677
Yxy	39.0822, 0.4335, 0.4549
Android (android.graphics.Color)	4291142970 (0xFFC5A53A)
YUV	162.3700, -51.4544, 30.3705
Hunter-Lab	62.5158, -3.0580, 34.6624

# Details

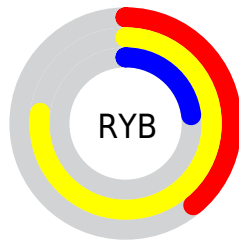
The YIQ color **162.3700, 53.4190, -26.4930** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **92.6300, -53.4190, 26.4930**, and the grayscale version is **163.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **218.0390, 55.8490, -26.4790**, and **108.4790, 51.4940, -30.1540** is the 20% darker color. If you saturate the color by 10%, you get **157.1550, 61.2140, -30.0980**, and if you desaturate by 10%, it is **167.5850, 45.6240, -22.8880**.

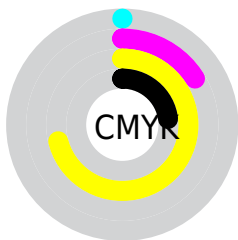
# Distribution



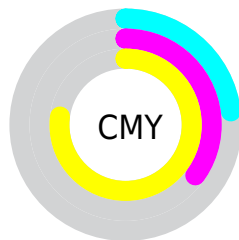
- Red (77%)
- Green (65%)
- Blue (23%)



- Red (39%)
- Yellow (77%)
- Blue (23%)



- Cyan (0%)
- Magenta (16%)
- Yellow (71%)
- Black (23%)



- Cyan (23%)
- Magenta (35%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 162.3700, 53.4190, -26.4930 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 162.3700, 53.4190, -26.4930 by changing the saturation by 10% instead.



■ 162.3700, 53.4190,  
-26.4930

■ 162.3700, 53.4190,  
-26.4930

■ 255.0000, -0.0000,  
-0.0000

■ 135.2450, 52.2730,  
-27.7510

■ 218.0390, 55.8490,  
-26.4790

■ 108.4790, 51.4940,  
-30.1540

■ 237.5530, 39.4820,  
-32.7260

■ 85.7310, 42.2770,  
-22.8030

■ 244.8540, 28.5690,  
-27.6790

■ 64.1570, 32.5100,  
-16.4980

■ 248.0460, 19.5810,  
-18.9710

■ 43.1700, 22.4680,  
-10.7160

■ 251.2380, 10.5930,  
-10.2630

■ 23.9550, 13.0680,  
-5.5560

■ 254.5440, 1.2840,

■ 0.0000, 0.0000,

-1.2440

0.0000

■ 162.3700, 53.4190,  
-26.4930

■ 162.3700, 53.4190,  
-26.4930

■ 157.1550, 61.2140,  
-30.0980

■ 167.5850, 45.6240,  
-22.8880

■ 152.6410, 68.4130,  
-33.9150

■ 172.0990, 38.4250,  
-19.0710

■ 148.1270, 75.6120,  
-37.7320

■ 177.3140, 30.6300,  
-15.4660

■ 181.9420, 23.1100,  
-11.3380

■ 187.1570, 15.3150,  
-7.7330

■ 191.6710, 8.1160,  
-3.9160

■ 196.8860, 0.3210,  
-0.3110

■ 201.5140, -7.1990,  
3.8170

■ 206.6150,  
-14.6730, 7.1110

# Harmonies

## Analogous

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



165.4570, 76.0640, -1.8560



162.3700, 53.4190, -26.4930



157.3370, 13.4870, -40.6970

# Triad

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



162.3700, 53.4190, -26.4930



138.1430, -123.0530, -33.1410



172.9210, 29.8850, 47.6210

# Complementary

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



162.3700, 53.4190, -26.4930



92.6300, -53.4190, 26.4930

# 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.



169.9990, -23.4810, 34.5910



162.3700, 53.4190, -26.4930



138.8390, -133.2800, -18.4960

# Square

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



162.3700, 53.4190, -26.4930



132.2150, -106.3610, -49.3130



145.2610, -101.6930, -1.7330



167.3530, 63.5390, 43.4350



# Rectangle

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



162.3700, 53.4190, -26.4930



151.4390, -22.0910, -45.6990



145.2610, -101.6930, -1.7330



172.9560, 13.6090, 45.2330

# Sweetspot

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



162.3700, 53.4190, -26.4930



241.8000, 20.6340, -10.5180



103.2090, 72.5720, 39.4200



119.6560, 12.4720, -5.7680



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.



162.3700, 53.4190, -26.4930



200.9120, 83.4070, -41.3370



170.0910, 22.5670, -51.0730



96.8000, 3.4390, -1.7530



122.6990, 62.4980, -31.3420



26.6130, 14.0310, -6.4890



# Inverse Universe

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



92.6300, -53.4190, 26.4930



92.0880, -83.4070, 41.3370



84.9090, -22.5670, 51.0730



92.2000, -3.4390, 1.7530



40.8880, -62.7730, 30.8190



8.8000, -13.7560, 7.0120



# Previews

## White Background



This preview shows how the YIQ color 162.3700, 53.4190, -26.4930 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

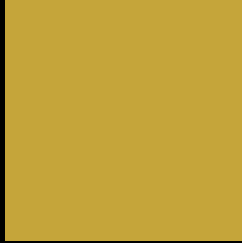
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 162.3700, 53.4190, -26.4930 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 162.3700, 53.4190, -26.4930

## Background



This preview shows how black text looks on a background with the YIQ color 162.3700, 53.4190, -26.4930.



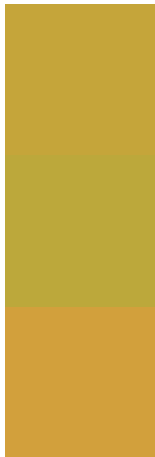
This preview shows how white text looks on a background with the YIQ color 162.3700, 53.4190,

-26.4930.

# 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

162.3700, 53.4190, -26.4930

### Protanopia

161.5540, 46.9090, -29.6590

### Deuteranopia

163.5500, 61.9000, -20.5000



## Tritanopia

170.6170, 26.5440, 14.5440

# Trichromacy



## Original Color

162.3700, 53.4190, -26.4930

## Protanomaly

161.8640, 48.9720, -28.5000

## Deuteranomaly

163.1150, 58.6910, -22.9170

## Tritanomaly

167.6220, 36.1750, -0.3130

# Monochromacy



## Original Color

162.3700, 53.4190, -26.4930

## Achromatopsia

162.0000, -0.0000, 0.0000

## Achromatomaly

162.1420, 19.6710, -9.5850

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 162.3700, 53.4190, -26.4930 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(197, 165, 58)` looks like.

```
.text, #text, p{  
    color:rgb(197, 165, 58)  
}
```

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(197, 165, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 165, 58) }
```

## Border

The CSS property to change the border of an element to YIQ 162.3700, 53.4190, -26.4930 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(197, 165, 58) }
```



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

```
.border{ border-color:rgb(197, 165, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 165, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 165, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 165, 58);  
box-shadow:4px 4px 4px 4px rgb(197, 165,  
58) }
```

# Background

The CSS property to change the background color of an element to YIQ 162.3700, 53.4190, -26.4930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 165, 58) }
```

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

```
.background{ background-color: rgb(197,  
165, 58) }
```

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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