

Converting Colors

YIQ(162.4160, 47.7780,
-17.8700)

Have a look what the booklet for
YIQ(162.4160, 47.7780, -17.8700)
contains.

YIQ(162.4160, 47.7780, -17.8700)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(162.4160, 47.7780,
-17.8700)**

Conversions

Conversions Part 1

Format	Color
Hex	C5A14F
RGB	197, 161, 79
RGB Percent	77%, 63%, 31%
CMY	0.2274, 0.3687, 0.6899
CMYK	0.00, 0.18, 0.60, 0.23
HSL	42°, 50%, 54%
HSV	42°, 60%, 77%
XYZ	37.1841, 37.9213, 12.7692
YIQ	162.4160, 47.7780, -17.8700

Conversions

Conversions Part 2

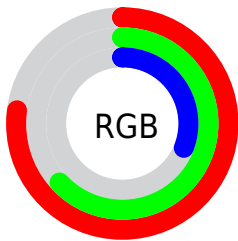
Format	Color
RYB	131, 197, 79
Decimal	12951887
CIELab	67.96, 3.78, 46.87
CIELCh	68, 47.019, 85.390
Yxy	37.9213, 0.4231, 0.4315
Android (android.graphics.Color)	4291141967 (0xFFC5A14F)
YUV	162.4160, -41.1241, 30.3302
Hunter-Lab	61.5803, 0.0183, 30.8119

Details

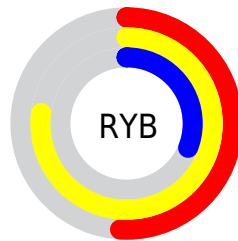
The YIQ color **162.4160, 47.7780, -17.8700** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **113.5840, -47.7780, 17.8700**, and the grayscale version is **163.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **217.9710, 50.5290, -18.1670**, and **109.6220, 44.2020, -19.1420** is the 20% darker color. If you saturate the color by 10%, you get **156.6140, 55.8480, -20.9520**, and if you desaturate by 10%, it is **168.2180, 39.7080, -14.7880**.

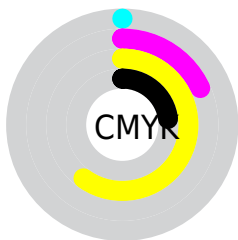
Distribution



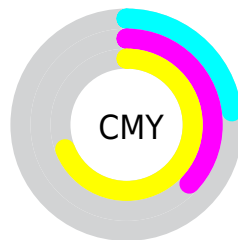
- Red (77%)
- Green (63%)
- Blue (31%)



- Red (51%)
- Yellow (77%)
- Blue (31%)



- Cyan (0%)
- Magenta (18%)
- Yellow (60%)
- Black (23%)



- Cyan (23%)
- Magenta (37%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 162.4160, 47.7780, -17.8700 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 162.4160, 47.7780, -17.8700 by changing the saturation by 10% instead.

■ 162.4160, 47.7780,
-17.8700

■ 162.4160, 47.7780,
-17.8700

■ 255.0000, -0.0000,
-0.0000

■ 135.6330, 45.6690,
-18.1950

■ 217.9710, 50.5290,
-18.1670

■ 109.6220, 44.2020,
-19.1420

■ 237.4850, 34.1620,
-24.4140

■ 84.2690, 43.6980,
-21.0220

■ 247.0200, 22.4700,
-21.7700

■ 62.6950, 33.9310,
-14.7170

■ 250.2120, 13.4820,
-13.0620

■ 42.0070, 24.4850,
-8.7230

■ 253.5180, 4.1730,
-4.0430

■ 22.7920, 15.0850,
-3.5630

■ 0.0000, 0.0000,

0.0000

■ 162.4160, 47.7780,
-17.8700

■ 162.4160, 47.7780,
-17.8700

■ 156.6140, 55.8480,
-20.9520

■ 168.2180, 39.7080,
-14.7880

■ 150.9260, 63.5970,
-23.7230

■ 173.9060, 31.9590,
-12.0170

■ 145.1240, 71.6670,
-26.8050

■ 179.7080, 23.8890,
-8.9350

■ 139.3220, 79.7370,
-29.8870

■ 185.5100, 15.8190,
-5.8530

■ 191.3120, 7.7490,
-2.7710

■ 197.0000, -0.0000,
-0.0000

■ 202.8020, -8.0700,
3.0820

■ 208.6040,
-16.1400, 6.1640

■ 214.1780,
-23.5680, 8.6240

Harmonies

Analogous

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



165.2310, 65.1970, 2.3570



162.4160, 47.7780, -17.8700



158.2870, 16.9240, -31.3960

Triad

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



162.4160, 47.7780, -17.8700



132.6830, -115.9460, -35.2900



170.5510, 18.8830, 37.7550

Complementary

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



162.4160, 47.7780, -17.8700



113.5840, -47.7780, 17.8700

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.



167.2880, -26.0930, 26.8590



162.4160, 47.7780, -17.8700



133.6240, -125.4850, -22.1010

Square

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



162.4160, 47.7780, -17.8700



127.6670, -101.8220, -48.9740



152.1880, -82.2540, 3.9060



168.7920, 51.7570, 36.6930

Rectangle

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



162.4160, 47.7780, -17.8700



153.9940, -10.1720, -35.9320



152.1880, -82.2540, 3.9060



170.3690, 4.7160, 35.6920

Sweetspot

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



162.4160, 47.7780, -17.8700



241.5380, 18.6160, -6.9840



118.5000, 58.4510, 36.5230



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.



162.4160, 47.7780, -17.8700



201.1520, 74.4640, -27.9360



176.9700, 24.7660, -41.3620



96.2130, 3.7140, -1.2300



115.0680, 66.0730, -24.5430



25.4390, 14.5810, -5.4430

Inverse Universe

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



113.5840, -47.7780, 17.8700



124.8480, -74.4640, 27.9360



99.0300, -24.7660, 41.3620



92.7870, -3.7140, 1.2300



47.9320, -66.0730, 24.5430



10.5610, -14.5810, 5.4430

Previews

White Background



This preview shows how the YIQ color 162.4160, 47.7780, -17.8700 looks on a white background.

Color Contrast Check

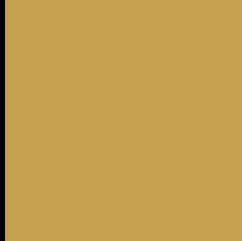
Large Text (above 18pt) WCAG AA × Fail

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 162.4160, 47.7780, -17.8700 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 162.4160, 47.7780, -17.8700

Background



This preview shows how black text looks on a background with the YIQ color 162.4160, 47.7780, -17.8700.



This preview shows how white text looks on a background with the YIQ color 162.4160, 47.7780, -17.8700.

-17.8700.

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

162.4160, 47.7780, -17.8700

Protanopia

161.6920, 38.0130, -22.6190

Deuteranopia

162.8620, 52.4540, -14.5060



Tritanopia

168.8020, 27.4610, 14.4450

Trichromacy



Original Color

162.4160, 47.7780, -17.8700

Protanomaly

161.8990, 41.8640, -20.8240

Deuteranomaly

162.5520, 50.3910, -15.6650

Tritanomaly

166.1320, 34.7990, 2.5990

Monochromacy



Original Color

162.4160, 47.7780, -17.8700

Achromatopsia

162.0000, -0.0000, 0.0000

Achromatomaly

162.4670, 17.3780, -6.5740

CSS Examples

Text

The CSS property to change the color of the text to YIQ 162.4160, 47.7780, -17.8700 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, 161, 79)` looks like.

```
.text, #text, p{  
    color:rgb(197, 161, 79)  
}
```

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, 161, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 161, 79) }
```

Border

The CSS property to change the border of an element to YIQ 162.4160, 47.7780, -17.8700 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, 161, 79) }
```


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

```
.border{ border-color:rgb(197, 161, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 161, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 161, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 161, 79);  
box-shadow:4px 4px 4px 4px rgb(197, 161,  
79) }
```

Background

The CSS property to change the background color of an element to YIQ 162.4160, 47.7780, -17.8700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 161, 79) }
```

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

```
.background{ background-color: rgb(197,  
161, 79) }
```

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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