

Converting Colors

YIQ(176.8890, 47.8240,
-18.7040)

Have a look what the booklet for
YIQ(176.8890, 47.8240, -18.7040)
contains.

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Color

**YIQ(176.8890, 47.8240,
-18.7040)**

Conversions

Conversions Part 1

Format	Color
Hex	D3B05C
RGB	211, 176, 92
RGB Percent	83%, 69%, 36%
CMY	0.1725, 0.3098, 0.6390
CMYK	0.00, 0.17, 0.56, 0.17
HSL	42°, 57%, 59%
HSV	42°, 56%, 83%
XYZ	44.3232, 45.6687, 16.6190
YIQ	176.8890, 47.8240, -18.7040

Conversions

Conversions Part 2

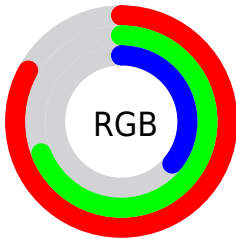
Format	Color
RYB	142, 211, 92
Decimal	13873244
CIELab	73.33, 2.69, 47.13
CIELCh	73, 47.210, 86.732
Yxy	45.6687, 0.4157, 0.4284
Android (android.graphics.Color)	4292063324 (0xFFD3B05C)
YUV	176.8890, -41.8503, 29.9153
Hunter-Lab	67.5786, -1.1886, 32.7244

Details

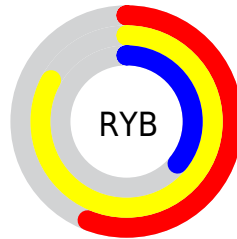
The YIQ color **176.8890, 47.8240, -18.7040** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **126.1110, -47.8240, 18.7040**, and the grayscale version is **177.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **228.2580, 42.2310, -21.9690**, and **123.5080, 44.5230, -19.4530** is the 20% darker color. If you saturate the color by 10%, you get **170.9730, 56.2150, -22.0970**, and if you desaturate by 10%, it is **182.8050, 39.4330, -15.3110**.

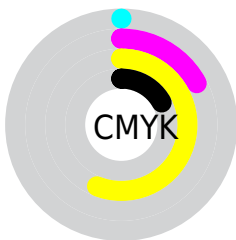
Distribution



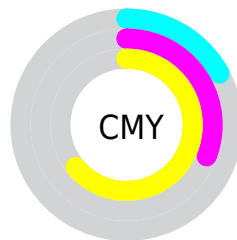
- Red (83%)
- Green (69%)
- Blue (36%)



- Red (56%)
- Yellow (83%)
- Blue (36%)



- Cyan (0%)
- Magenta (17%)
- Yellow (56%)
- Black (17%)



- Cyan (17%)
- Magenta (31%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 176.8890, 47.8240, -18.7040 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 176.8890, 47.8240, -18.7040 by changing the saturation by 10% instead.

■ 176.8890, 47.8240,
-18.7040

■ 176.8890, 47.8240,
-18.7040

■ 255.0000, -0.0000,
-0.0000

■ 149.5190, 45.9900,
-18.5060

■ 228.2580, 42.2310,
-21.9690

■ 123.5080, 44.5230,
-19.4530

■ 245.5380, 26.6430,
-25.8130

■ 97.2690, 43.6980,
-21.0220

■ 248.6160, 17.9760,
-17.4160

■ 73.6260, 38.3790,
-18.2370

■ 251.9220, 8.6670,
-8.3970

■ 52.9380, 28.9330,
-12.2430

■ 32.8370, 19.2120,
-6.7720

■ 12.4480, 10.3620,

-0.5660

■ 0.0000, 0.0000,
0.0000

■ 176.8890, 47.8240,
-18.7040

■ 176.8890, 47.8240,
-18.7040

■ 170.9730, 56.2150,
-22.0970

■ 182.8050, 39.4330,
-15.3110

■ 165.0570, 64.6060,
-25.4900

■ 188.7210, 31.0420,
-11.9180

■ 158.5540, 73.2720,
-28.3600

■ 195.2240, 22.3760,
-9.0480

■ 152.6380, 81.6630,
-31.7530

■ 201.1400, 13.9850,
-5.6550

■ 150.5520, 84.7810,
-33.1950

■ 207.1700, 5.2730,
-1.9510

■ 213.0860, -3.1180,
1.4420

■ 219.0020,
-11.5090, 4.8350

■ 224.8210,
-18.2490, 5.8390

■ 228.3430,
-19.8990, 2.7010

Harmonies

Analogous

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



179.3020, 66.4350, 1.9470



176.8890, 47.8240, -18.7040



172.5750, 16.0530, -32.1310

Triad

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



176.8890, 47.8240, -18.7040



143.4260, -125.5280, -37.8480



185.7470, 21.2670, 38.6030

Complementary

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



176.8890, 47.8240, -18.7040



126.1110, -47.8240, 18.7040

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.



182.3700, -23.3880, 27.3960



176.8890, 47.8240, -18.7040



144.2530, -134.7460, -24.9700

Square

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



176.8890, 47.8240, -18.7040



147.6790, -92.9280, -44.9600



167.5540, -74.5970, 2.8030



182.6780, 52.0780, 36.3820

Rectangle

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



176.8890, 47.8240, -18.7040



168.6840, -12.2350, -37.0910



167.5540, -74.5970, 2.8030



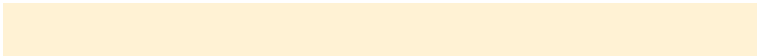
185.5650, 7.1000, 36.5400

Sweetspot

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



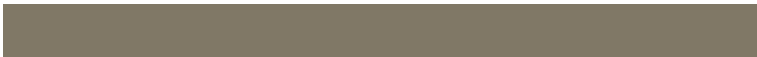
176.8890, 47.8240, -18.7040



242.4670, 17.3780, -6.5740



131.6850, 59.3680, 36.4240



120.3400, 10.5460, -3.9020



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.



176.8890, 47.8240, -18.7040



205.3410, 69.5580, -27.1300



190.2580, 23.8950, -42.0970



101.3980, 4.6310, -1.3290



120.0850, 67.4030, -26.6210



29.2820, 16.4610, -6.4750

Inverse Universe

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



126.1110, -47.8240, 18.7040



131.6590, -69.5580, 27.1300



112.7420, -23.8950, 42.0970



97.0150, -4.3560, 1.8520



48.5020, -67.6780, 26.0980



11.7180, -16.4610, 6.4750

Previews

White Background



This preview shows how the YIQ color 176.8890, 47.8240, -18.7040 looks on a white background.

Color Contrast Check

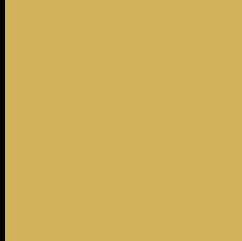
Large Text (above 18pt) WCAG AA × Fail

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 176.8890, 47.8240, -18.7040 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 176.8890, 47.8240, -18.7040

Background



This preview shows how black text looks on a background with the YIQ color 176.8890, 47.8240, -18.7040.



This preview shows how white text looks on a background with the YIQ color 176.8890, 47.8240, -18.7040.

-18.7040.

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

176.8890, 47.8240, -18.7040

Protanopia

175.8770, 38.9300, -22.7180

Deuteranopia

177.6450, 54.5630, -14.1810



Tritanopia

183.3290, 27.4150, 15.2790

Trichromacy



Original Color

176.8890, 47.8240, -18.7040

Protanomaly

176.3720, 41.9100, -21.6580

Deuteranomaly

177.0360, 51.9040, -15.5520

Tritanomaly

181.1320, 34.7990, 2.5990

Monochromacy



Original Color

176.8890, 47.8240, -18.7040

Achromatopsia

177.0000, -0.0000, 0.0000

Achromatomaly

177.0540, 17.1030, -7.0970

CSS Examples

Text

The CSS property to change the color of the text to YIQ 176.8890, 47.8240, -18.7040 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(211, 176, 92)` looks like.

```
.text, #text, p{  
    color:rgb(211, 176, 92)  
}
```

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(211, 176, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 176, 92) }
```

Border

The CSS property to change the border of an element to YIQ 176.8890, 47.8240, -18.7040 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(211, 176, 92) }
```


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

```
.border{ border-color:rgb(211, 176, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 176, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 176, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 176, 92);  
box-shadow:4px 4px 4px 4px rgb(211, 176,  
92) }
```

Background

The CSS property to change the background color of an element to YIQ 176.8890, 47.8240, -18.7040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 176, 92) }
```

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

```
.background{ background-color: rgb(211,  
176, 92) }
```

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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