

Converting Colors

YIQ(190.4020, 33.1980,
-17.9540)

Have a look what the booklet for
YIQ(190.4020, 33.1980, -17.9540)
contains.

YIQ(190.4020, 33.1980, -17.9540)	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(190.4020, 33.1980,
-17.9540)**

Conversions

Conversions Part 1

Format	Color
Hex	D3C17B
RGB	211, 193, 123
RGB Percent	83%, 76%, 48%
CMY	0.1726, 0.2431, 0.5175
CMYK	0.00, 0.09, 0.42, 0.17
HSL	48°, 50%, 65%
HSV	48°, 42%, 83%
XYZ	49.5103, 53.4166, 26.4554
YIQ	190.4020, 33.1980, -17.9540

Conversions

Conversions Part 2

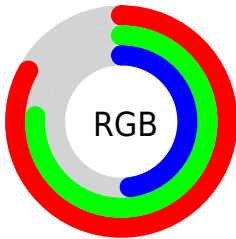
Format	Color
RYB	146, 211, 123
Decimal	13877627
CIELab	78.12, -3.39, 37.48
CIElCh	78, 37.629, 95.162
Yxy	53.4166, 0.3827, 0.4129
Android (android.graphics.Color)	4292067707 (0xFFD3C17B)
YUV	190.4020, -33.2292, 18.0644
Hunter-Lab	73.0867, -6.9824, 29.6993

Details

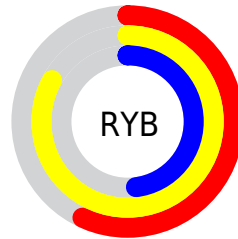
The YIQ color $190.4020, 33.1980, -17.9540$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $143.5980, -33.1980, 17.9540$, and the grayscale version is $191.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $242.4720, 27.0090, -21.4310$, and $136.8470, 30.4470, -17.6570$ is the 20% darker color. If you saturate the color by 10%, you get $185.6600, 41.0390, -22.3930$, and if you desaturate by 10%, it is $195.1440, 25.3570, -13.5150$.

Distribution



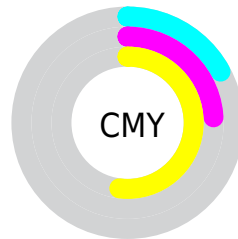
- Red (83%)
- Green (76%)
- Blue (48%)



- Red (57%)
- Yellow (83%)
- Blue (48%)



- Cyan (0%)
- Magenta (9%)
- Yellow (42%)
- Black (17%)



- Cyan (17%)
- Magenta (24%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 190.4020, 33.1980, -17.9540 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 190.4020, 33.1980, -17.9540 by changing the saturation by 10% instead.

■ 190.4020, 33.1980,
-17.9540

■ 190.4020, 33.1980,
-17.9540

255.0000, -0.0000,
-0.0000

■ 163.3310, 31.9600,
-17.5440

■ 242.4720, 27.0090,
-21.4310

■ 136.8470, 30.4470,
-17.6570

■ 249.1860, 16.3710,
-15.8610

■ 110.7760, 29.2090,
-17.2470

■ 252.4920, 7.0620,
-6.8420

■ 85.8790, 27.4210,
-17.8830

■ 62.0530, 26.8710,
-18.9290

■ 41.9630, 18.6170,
-12.5110

■ 22.1610, 9.4920,

-6.8280

■ 0.0000, 0.0000,
0.0000

■ 190.4020, 33.1980,
-17.9540

■ 190.4020, 33.1980,
-17.9540

■ 185.6600, 41.0390,
-22.3930

■ 195.1440, 25.3570,
-13.5150

■ 180.3310, 49.1550,
-26.3090

■ 200.4730, 17.2410,
-9.5990

■ 175.5890, 56.9960,
-30.7480

■ 205.2150, 9.4000,
-5.1600

■ 170.8470, 64.8370,
-35.1870

■ 209.9570, 1.5590,
-0.7210

■ 165.5180, 72.9530,
-39.1030

■ 215.4000, -6.8780,
3.5060

■ 161.7050, 79.5560,
-43.1320

■ 220.1420,
-14.7190, 7.9450

■ 223.0600,
-17.4240, 7.4080

■ 225.9950,
-18.7990, 4.7930

■ 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.



193.2400, 51.8100, -2.8300



190.4020, 33.1980, -17.9540



186.2780, 3.9480, -27.5080

Triad

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



190.4020, 33.1980, -17.9540



170.0390, -93.1610, -24.2090



198.4560, 26.2200, 31.4360

Complementary

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



190.4020, 33.1980, -17.9540



143.5980, -33.1980, 17.9540

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.



196.9280, -7.5240, 26.2360



190.4020, 33.1980, -17.9540



179.0060, -79.2260, -6.9220

Square

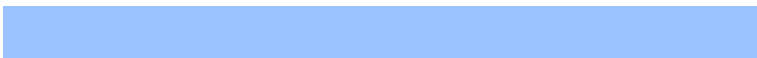
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



190.4020, 33.1980, -17.9540



173.6270, -68.8140, -30.4300



189.5810, -43.6960, 9.9680



195.1190, 45.9820, 25.7100

Rectangle

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



190.4020, 33.1980, -17.9540



183.0780, -18.9760, -30.5600



189.5810, -43.6960, 9.9680



198.1820, 15.3080, 30.9560

Sweetspot

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



190.4020, 33.1980, -17.9540



247.1290, 12.5180, -6.6020



151.4780, 46.3490, 24.5650



122.6710, 8.1160, -3.9160



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.



190.4020, 33.1980, -17.9540



225.2600, 47.9170, -25.8990



193.4930, 13.3480, -32.6680



101.9850, 4.3560, -1.8520



128.8900, 63.2780, -34.4660



31.0430, 15.6360, -8.0440

Inverse Universe

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



143.5980, -33.1980, 17.9540



157.7400, -47.9170, 25.8990



140.5070, -13.3480, 32.6680



96.4280, -4.0810, 2.3750



39.1100, -63.2780, 34.4660



9.3700, -15.3610, 8.5670

Previews

White Background



This preview shows how the YIQ color 190.4020, 33.1980, -17.9540 looks on a white background.

Color Contrast Check

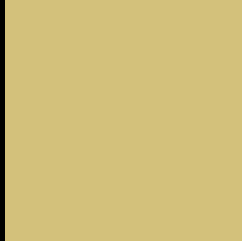
Large Text (above 18pt) WCAG AA × Fail

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 190.4020, 33.1980, -17.9540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

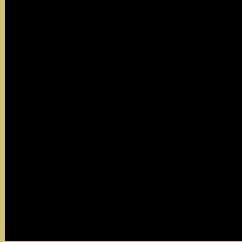
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 190.4020, 33.1980, -17.9540

Background



This preview shows how black text looks on a background with the YIQ color 190.4020, 33.1980, -17.9540.



This preview shows how white text looks on a background with the YIQ color 190.4020, 33.1980, -17.9540.

-17.9540.

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

190.4020, 33.1980, -17.9540

Protanopia

190.1030, 32.6020, -18.1660

Deuteranopia

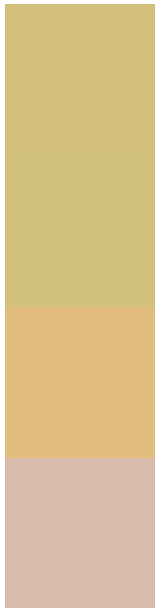
192.5120, 47.8680, -8.4840



Tritanopia

196.0610, 16.3660, 11.7740

Trichromacy



Original Color

190.4020, 33.1980, -17.9540

Protanomaly

190.1030, 32.6020, -18.1660

Deuteranomaly

191.7670, 42.5960, -12.0600

Tritanomaly

193.8470, 22.4200, 1.1720

Monochromacy



Original Color

190.4020, 33.1980, -17.9540

Achromatopsia

190.0000, -0.0000, -0.0000

Achromatomaly

190.2430, 12.1970, -6.2910

CSS Examples

Text

The CSS property to change the color of the text to YIQ 190.4020, 33.1980, -17.9540 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, 193, 123)` looks like.

```
.text, #text, p{  
    color:rgb(211, 193, 123)  
}
```

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, 193, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 193, 123) }
```

Border

The CSS property to change the border of an element to YIQ 190.4020, 33.1980, -17.9540 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, 193, 123) }
```


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

```
.border{ border-color:rgb(211, 193, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 193, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 193, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 193, 123);  
box-shadow:4px 4px 4px 4px rgb(211, 193,  
123) }
```

Background

The CSS property to change the background color of an element to YIQ 190.4020, 33.1980, -17.9540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 193, 123) }
```

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

```
.background{ background-color: rgb(211,  
193, 123) }
```

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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