

Converting Colors

YIQ(190.5880, 33.5150, 3.8430)

Have a look what the booklet for
YIQ(190.5880, 33.5150, 3.8430)
contains.

YIQ(190.5880, 33.5150, 3.8430)	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(190.5880, 33.5150,
3.8430)**

Conversions

Conversions Part 1

Format	Color
Hex	E1B3A0
RGB	225, 179, 160
RGB Percent	88%, 70%, 63%
CMY	0.1175, 0.2981, 0.3724
CMYK	0.00, 0.20, 0.29, 0.12
HSL	17°, 52%, 76%
HSV	17°, 29%, 88%
XYZ	53.5238, 50.7834, 40.2561
YIQ	190.5880, 33.5150, 3.8430

Conversions

Conversions Part 2

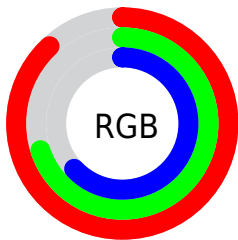
Format	Color
R _Y B	225, 187, 160
Decimal	14791584
CIE Lab	76.55, 13.98, 16.02
CIE LCh	77, 21.264, 48.885
Yxy	50.7834, 0.3702, 0.3513
Android (android.graphics.Color)	4292981664 (0xFFE1B3A0)
YUV	190.5880, -15.0799, 30.1793
Hunter-Lab	71.2624, 9.3584, 16.3908

Details

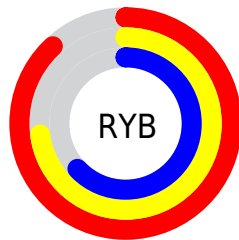
The YIQ color **190.5880, 33.5150, 3.8430** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **194.4120, -33.5150, -3.8430**, and the grayscale version is **191.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **238.7000, 18.3400, -1.9800**, and **136.8050, 31.4060, 3.5180** is the 20% darker color. If you saturate the color by 10%, you get **178.6880, 44.9770, 5.3690**, and if you desaturate by 10%, it is **202.6020, 21.7320, 2.6280**.

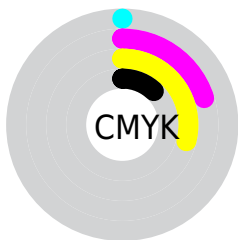
Distribution



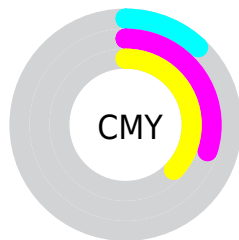
- Red (88%)
- Green (70%)
- Blue (63%)



- Red (88%)
- Yellow (73%)
- Blue (63%)



- Cyan (0%)
- Magenta (20%)
- Yellow (29%)
- Black (12%)





- Cyan (12%)
- Magenta (30%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 190.5880, 33.5150, 3.8430 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 190.5880, 33.5150, 3.8430 by changing the saturation by 10% instead.


 190.5880, 33.5150,
3.8430


 190.5880, 33.5150,
3.8430


255.0000, -0.0000,
-0.0000


 163.4030, 32.5980,
3.9420


 238.7000, 18.3400,
-1.9800


 136.9190, 31.0850,
3.8290

 253.6320, 3.8520,
-3.7320

 111.3210, 29.8930,
3.4050

 86.5380, 27.7840,
3.0800

 62.7550, 25.6750,
2.7550

 40.3850, 23.8410,
2.9530

 19.0150, 22.0070,

3.1510

■ 0.0000, 0.0000,
0.0000

■ 190.5880, 33.5150,
3.8430

■ 190.5880, 33.5150,
3.8430

■ 178.6880, 44.9770,
5.3690

■ 202.6020, 21.7320,
2.6280

■ 166.6740, 56.7600,
6.5840

■ 214.5020, 10.2700,
1.1020

■ 154.7740, 68.2220,
8.1100

■ 226.5160, -1.5130,
-0.1130

■ 142.7600, 80.0050,
9.3250

■ 238.4160,
-12.9750, -1.6390

■ 130.8600, 91.4670,
10.8510

■ 246.0300,
-17.8800, -6.3600

■ 118.8460,
103.2500, 12.0660

■ 106.9460,
114.7120, 13.5920

■ 106.0170,
115.9500, 13.1820

Harmonies

Analogous

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



191.6730, 32.1380, 12.2820



190.5880, 33.5150, 3.8430



188.8980, 26.4100, -5.0620

Triad

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



190.5880, 33.5150, 3.8430



182.2860, -24.8930, -16.9330



189.6630, -14.6280, 11.8040

Complementary

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



190.5880, 33.5150, 3.8430



194.4120, -33.5150, -3.8430

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.



186.1120, -32.3700, 2.9420



190.5880, 33.5150, 3.8430



180.9780, -38.4650, -13.2570

Square

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



190.5880, 33.5150, 3.8430



184.4530, -6.3700, -16.7220



182.6390, -41.5840, -6.2880



192.0630, 4.8570, 16.6090

Rectangle

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



190.5880, 33.5150, 3.8430



187.2450, 17.8830, -10.2210



182.6390, -41.5840, -6.2880



188.8470, -21.1380, 8.6380

Sweetspot

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



190.5880, 33.5150, 3.8430



242.9860, 11.7830, 1.2150



184.7930, 23.6530, 28.3970



120.4200, 7.5650, 0.5650



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.



190.5880, 33.5150, 3.8430



207.8730, 45.8940, 5.2700



209.3720, 24.7150, -12.8930



106.0500, 5.7310, 0.7630



82.5610, 90.8710, 10.6390



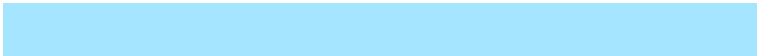
22.5700, 24.7580, 2.8540

Inverse Universe

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



194.4120, -33.5150, -3.8430



213.1270, -45.8940, -5.2700



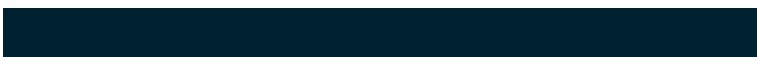
175.6280, -24.7150, 12.8930



106.9500, -5.7310, -0.7630



93.4390, -90.8710, -10.6390



25.4300, -24.7580, -2.8540

Previews

White Background



This preview shows how the YIQ color 190.5880, 33.5150, 3.8430 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 190.5880, 33.5150, 3.8430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

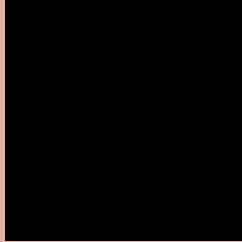
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 190.5880, 33.5150, 3.8430

Background



This preview shows how black text looks on a background with the YIQ color 190.5880, 33.5150, 3.8430.



This preview shows how white text looks on a background with the YIQ color 190.5880, 33.5150,

3.8430.

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

190.5880, 33.5150, 3.8430

Protanopia

188.9550, 13.0680, -5.5560

Deuteranopia

190.1420, 28.8390, 0.4790



Tritanopia

192.3290, 27.4150, 15.2790

Trichromacy



Original Color

190.5880, 33.5150, 3.8430

Protanomaly

189.3690, 20.7700, -1.9660

Deuteranomaly

190.4520, 30.9020, 1.6380

Tritanomaly

191.4770, 29.7540, 11.4340

Monochromacy



Original Color

190.5880, 33.5150, 3.8430

Achromatopsia

191.0000, -0.0000, -0.0000

Achromatomaly

190.9860, 11.7830, 1.2150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 190.5880, 33.5150, 3.8430 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(225, 179, 160)` looks like.

```
.text, #text, p{  
    color:rgb(225, 179, 160)  
}
```

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(225, 179, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 179, 160) }
```

Border

The CSS property to change the border of an element to YIQ 190.5880, 33.5150, 3.8430 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(225, 179, 160) }
```


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

```
.border{ border-color:rgb(225, 179, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 179, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 179, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 179, 160);  
box-shadow:4px 4px 4px 4px rgb(225, 179,  
160) }
```

Background

The CSS property to change the background color of an element to YIQ 190.5880, 33.5150, 3.8430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 179, 160) }
```

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

```
.background{ background-color: rgb(225,  
179, 160) }
```

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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