

Converting Colors

YIQ(190.3850, 33.0090, 13.0170)

Have a look what the booklet for
YIQ(190.3850, 33.0090, 13.0170)
contains.

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Color

**YIQ(190.3850, 33.0090,
13.0170)**

Conversions

Conversions Part 1

Format	Color
Hex	E6ADB0
RGB	230, 173, 176
RGB Percent	90%, 68%, 69%
CMY	0.0979, 0.3216, 0.3097
CMYK	0.00, 0.25, 0.23, 0.10
HSL	357°, 53%, 79%
HSV	357°, 25%, 90%
XYZ	55.4231, 49.8426, 47.7908
YIQ	190.3850, 33.0090, 13.0170

Conversions

Conversions Part 2

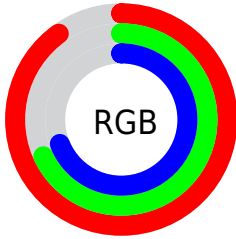
Format	Color
R _Y B	230, 173, 176
Decimal	15117744
CIE Lab	75.97, 21.29, 6.58
CIE LCh	76, 22.282, 17.176
Yxy	49.8426, 0.3621, 0.3256
Android (android.graphics.Color)	4293307824 (0xFFE6ADB0)
YUV	190.3850, -7.0918, 34.7424
Hunter-Lab	70.5993, 16.5803, 9.2843

Details

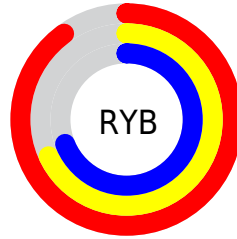
The YIQ color **190.3850, 33.0090, 13.0170** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **212.6150, -33.0090, -13.0170**, and the grayscale version is **190.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **237.1160, 14.5330, 6.4450**, and **136.3030, 30.3040, 12.4800** is the 20% darker color. If you saturate the color by 10%, you get **174.3760, 46.3960, 18.2040**, and if you desaturate by 10%, it is **206.3940, 19.6220, 7.8300**.

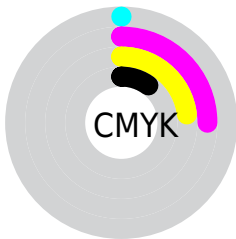
Distribution



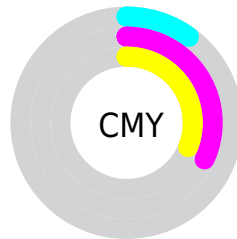
- Red (90%)
- Green (68%)
- Blue (69%)



- Red (90%)
- Yellow (68%)
- Blue (69%)



- Cyan (0%)
- Magenta (25%)
- Yellow (23%)
- Black (10%)



- Cyan (10%)
- Magenta (32%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 190.3850, 33.0090, 13.0170 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 190.3850, 33.0090, 13.0170 by changing the saturation by 10% instead.

■ 190.3850, 33.0090,
13.0170

■ 190.3850, 33.0090,
13.0170

255.0000, -0.0000,
-0.0000

■ 162.7870, 31.8170,
12.5930

■ 237.1160, 14.5330,
6.4450

■ 136.3030, 30.3040,
12.4800

■ 110.7050, 29.1120,
12.0560

■ 86.1070, 27.9200,
11.6320

■ 62.2100, 26.1320,
10.9960

■ 39.4270, 24.0230,
10.6710

■ 16.3130, 24.3440,

10.3600

■ 2.9900, 5.9600,
2.1200

■ 0.0000, 0.0000,
0.0000

■ 190.3850, 33.0090,
13.0170

■ 190.3850, 33.0090,
13.0170

■ 174.3760, 46.3960,
18.2040

■ 206.3940, 19.6220,
7.8300

■ 158.3670, 59.7830,
23.3910

■ 222.4030, 6.2350,
2.6430

■ 142.4720, 72.8490,
28.8890

■ 238.2980, -6.8310,
-2.8550

■ 126.4630, 86.2360,
34.0760

■ 247.5250,
-14.9000, -5.3000

■ 110.4540, 99.6230,
39.2630

■ 94.4450, 113.0100,
44.4500

■ 78.5500, 126.0760,
49.9480

■ 70.1380, 133.2280,
52.4920

Harmonies

Analogous

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



191.2730, 21.8210, 17.5410



190.3850, 33.0090, 13.0170



189.1860, 34.7070, 4.2670

Triad

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



190.3850, 33.0090, 13.0170



182.5240, -5.1320, -17.1320



184.0300, -35.0750, 2.4050

Complementary

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



190.3850, 33.0090, 13.0170



212.6150, -33.0090, -13.0170

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.



180.4430, -43.9680, -7.1360



190.3850, 33.0090, 13.0170



179.7590, -24.8470, -17.7670

Square

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



190.3850, 33.0090, 13.0170



185.5110, 14.0780, -12.8500



178.9670, -39.9320, -14.2040



187.8800, -16.7370, 11.4790

Rectangle

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



190.3850, 33.0090, 13.0170



188.2300, 31.4070, -2.0090



178.9670, -39.9320, -14.2040



182.5840, -39.7510, -0.9590

Sweetspot

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



190.3850, 33.0090, 13.0170



242.4960, 10.4070, 4.1270



195.3450, 13.2910, 28.9630



120.4030, 6.2350, 2.6430



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.



190.3850, 33.0090, 13.0170



202.1800, 44.0120, 17.3560



204.7180, 27.0970, -0.9910



106.7020, 6.8310, 2.8550



54.6610, 103.4740, 41.0580



15.5910, 29.4330, 11.7450

Inverse Universe

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



190.3850, 33.0090, 13.0170



202.1800, 44.0120, 17.3560



198.2820, -27.0970, 0.9910



106.7020, 6.8310, 2.8550



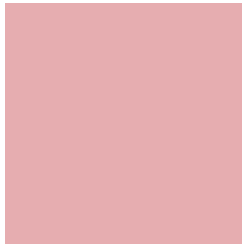
54.6610, 103.4740, 41.0580



15.5910, 29.4330, 11.7450

Previews

White Background



This preview shows how the YIQ color 190.3850, 33.0090, 13.0170 looks on a white background.

Color Contrast Check

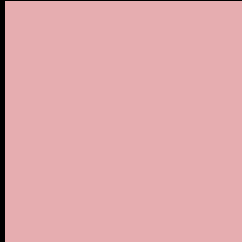
Large Text (above 18pt) WCAG AA × Fail

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 190.3850, 33.0090, 13.0170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

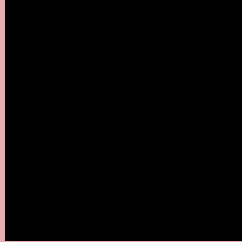
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 190.3850, 33.0090, 13.0170

Background



This preview shows how black text looks on a background with the YIQ color 190.3850, 33.0090, 13.0170.



This preview shows how white text looks on a background with the YIQ color 190.3850, 33.0090,

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

190.3850, 33.0090, 13.0170

Protanopia

188.1530, 3.9430, 0.1270

Deuteranopia

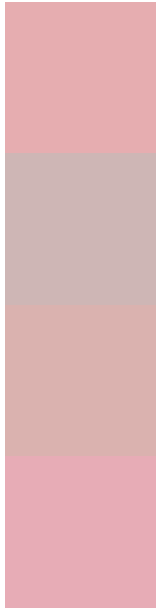
189.2860, 19.8060, 4.4940



Tritanopia

191.1230, 30.9910, 16.5510

Trichromacy



Original Color

190.3850, 33.0090, 13.0170

Protanomaly

189.0620, 14.6250, 4.7770

Deuteranomaly

189.6180, 24.8030, 7.5470

Tritanomaly

190.7810, 31.9540, 15.6180

Monochromacy



Original Color

190.3850, 33.0090, 13.0170

Achromatopsia

190.0000, -0.0000, -0.0000

Achromatomaly

190.3930, 12.1950, 4.7630

CSS Examples

Text

The CSS property to change the color of the text to YIQ 190.3850, 33.0090, 13.0170 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(230, 173, 176)` looks like.

```
.text, #text, p{  
    color:rgb(230, 173, 176)  
}
```

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(230, 173, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 173, 176) }
```

Border

The CSS property to change the border of an element to YIQ 190.3850, 33.0090, 13.0170 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(230, 173, 176) }
```


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

```
.border{ border-color:rgb(230, 173, 176) }
```

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

Here you see how a box with a 4 pixel rgb(230, 173, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 173, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 173, 176);  
box-shadow:4px 4px 4px 4px rgb(230, 173,  
176) }
```

Background

The CSS property to change the background color of an element to YIQ 190.3850, 33.0090, 13.0170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 173, 176) }
```

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

```
.background{ background-color: rgb(230,  
173, 176) }
```

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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