

Converting Colors

YIQ(152.3850, 33.0090, 13.0170)

Have a look what the booklet for
YIQ(152.3850, 33.0090, 13.0170)
contains.

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Color

**YIQ(152.3850, 33.0090,
13.0170)**

Conversions

Conversions Part 1

Format	Color
Hex	C0878A
RGB	192, 135, 138
RGB Percent	75%, 53%, 54%
CMY	0.2469, 0.4707, 0.4587
CMYK	0.00, 0.30, 0.28, 0.25
HSL	357°, 31%, 64%
HSV	357°, 30%, 75%
XYZ	34.9976, 30.3682, 28.0743
YIQ	152.3850, 33.0090, 13.0170

Conversions

Conversions Part 2

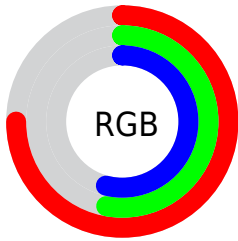
Format	Color
RYB	192, 135, 138
Decimal	12617610
CIELab	61.97, 22.29, 7.14
CIELCh	62, 23.408, 17.751
Yxy	30.3682, 0.3745, 0.3250
Android (android.graphics.Color)	4290807690 (0xFFC0878A)
YUV	152.3850, -7.0918, 34.7424
Hunter-Lab	55.1074, 16.9237, 8.3700

Details

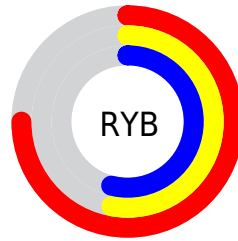
The YIQ color **152.3850, 33.0090, 13.0170** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **174.6150, -33.0090, -13.0170**, and the grayscale version is **152.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **207.1680, 35.1180, 13.3420**, and **100.8900, 30.0290, 11.9570** is the 20% darker color. If you saturate the color by 10%, you get **139.1800, 44.0120, 17.3560**, and if you desaturate by 10%, it is **165.5900, 22.0060, 8.6780**.

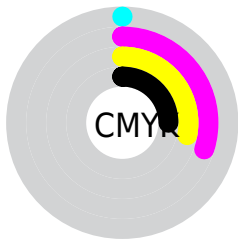
Distribution



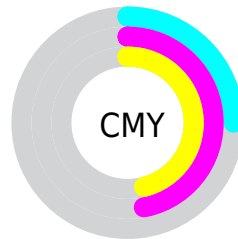
- Red (75%)
- Green (53%)
- Blue (54%)



- Red (75%)
- Yellow (53%)
- Blue (54%)



- Cyan (0%)
- Magenta (30%)
- Yellow (28%)
- Black (25%)





- Cyan (25%)
- Magenta (47%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 152.3850, 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 152.3850, 33.0090, 13.0170 by changing the saturation by 10% instead.

 152.3850, 33.0090,
13.0170


 152.3850, 33.0090,
13.0170


255.0000, -0.0000,
-0.0000

 125.9010, 31.4960,
12.9040


 207.4670, 35.7140,
13.5540


 100.8900, 30.0290,
11.9570


 228.5900, 22.0060,
8.6780

 76.4060, 28.5160,
11.8440

 248.3320, 4.9970,
3.0530

 52.6230, 26.4070,
11.5190

 29.9540, 23.9770,
11.5050

 11.9600, 23.8400,
8.4800

 0.0000, 0.0000,

0.0000

■ 152.3850, 33.0090,
13.0170

■ 152.3850, 33.0090,
13.0170

■ 139.1800, 44.0120,
17.3560

■ 165.5900, 22.0060,
8.6780

■ 125.9750, 55.0150,
21.6950

■ 178.7950, 11.0030,
4.3390

■ 112.1830, 66.2930,
26.5570

■ 192.7010, -0.5960,
-0.2120

■ 98.8640, 77.6170,
30.5850

■ 205.9060,
-11.5990, -4.5510

■ 85.6590, 88.6200,
34.9240

■ 219.1110,
-22.6020, -8.8900

■ 72.4540, 99.6230,
39.2630

■ 232.3160,
-33.6050, -13.2290

■ 59.2490, 110.6260,
43.6020

■ 236.1630,
-37.5480, -13.3560

■ 58.5480, 111.2220,
43.8140

Harmonies

Analogous

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



152.9850, 22.6920, 18.2760



152.3850, 33.0090, 13.0170



151.1860, 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.



152.3850, 33.0090, 13.0170



145.1110, -5.4070, -17.6550



145.5460, -36.5880, 2.2920

Complementary

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



152.3850, 33.0090, 13.0170



174.6150, -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.



141.3610, -46.6730, -7.6730



152.3850, 33.0090, 13.0170



142.1610, -26.0390, -18.1910

Square

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



152.3850, 33.0090, 13.0170



147.2120, 13.4820, -13.0620



139.8850, -42.6370, -14.7410



149.9940, -17.0580, 11.7900

Rectangle

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



152.3850, 33.0090, 13.0170



149.9310, 30.8110, -2.2210



139.8850, -42.6370, -14.7410



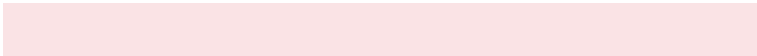
144.1000, -41.2640, -1.0720

Sweetspot

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



152.3850, 33.0090, 13.0170



234.1050, 13.0660, 5.4980



157.3450, 13.2910, 28.9630



115.3000, 8.0230, 3.2790



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



152.3850, 33.0090, 13.0170



187.4800, 52.0350, 20.6350



166.7180, 27.0970, -0.9910



90.1040, 5.6390, 2.4310



49.1650, 93.0670, 36.9310



10.0950, 19.0260, 7.6180

Inverse Universe

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



152.3850, 33.0090, 13.0170



187.4800, 52.0350, 20.6350



160.2820, -27.0970, 0.9910



90.1040, 5.6390, 2.4310



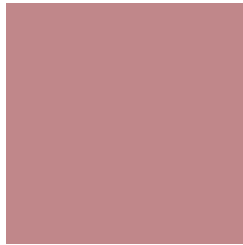
49.1650, 93.0670, 36.9310



10.0950, 19.0260, 7.6180

Previews

White Background



This preview shows how the YIQ color 152.3850, 33.0090, 13.0170 looks on a white background.

Color Contrast Check

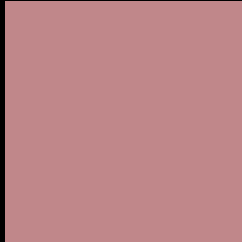
Large Text (above 18pt) WCAG AA × Fail

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 152.3850, 33.0090, 13.0170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

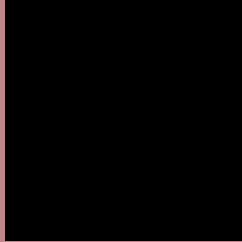
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 152.3850, 33.0090, 13.0170

Background



This preview shows how black text looks on a background with the YIQ color 152.3850, 33.0090, 13.0170.



This preview shows how white text looks on a background with the YIQ color 152.3850, 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

152.3850, 33.0090, 13.0170

Protanopia

150.1530, 3.9430, 0.1270

Deuteranopia

151.4490, 17.7890, 2.5010



Tritanopia

152.7810, 31.9540, 15.6180

Trichromacy



Original Color

152.3850, 33.0090, 13.0170

Protanomaly

151.0620, 14.6250, 4.7770

Deuteranomaly

151.6070, 23.3360, 6.6000

Tritanomaly

152.5530, 32.5960, 14.9960

Monochromacy



Original Color

152.3850, 33.0090, 13.0170

Achromatopsia

152.0000, -0.0000, -0.0000

Achromatomaly

152.3930, 12.1950, 4.7630

CSS Examples

Text

The CSS property to change the color of the text to YIQ 152.3850, 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(192, 135, 138)` looks like.

```
.text, #text, p{  
    color:rgb(192, 135, 138)  
}
```

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(192, 135, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 135, 138) }
```

Border

The CSS property to change the border of an element to YIQ 152.3850, 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(192, 135, 138) }
```


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

```
.border{ border-color:rgb(192, 135, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 135, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 135, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 135, 138);  
box-shadow:4px 4px 4px 4px rgb(192, 135,  
138) }
```

Background

The CSS property to change the background color of an element to YIQ 152.3850, 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(192, 135, 138) }
```

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

```
.background{ background-color: rgb(192,  
135, 138) }
```

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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