

Converting Colors

YIQ(174.8270, 33.1990,
-23.4810)

Have a look what the booklet for
YIQ(174.8270, 33.1990, -23.4810)
contains.

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Color

**YIQ(174.8270, 33.1990,
-23.4810)**

Conversions

Conversions Part 1

Format	Color
Hex	C0B562
RGB	192, 181, 98
RGB Percent	75%, 71%, 38%
CMY	0.2471, 0.2902, 0.6155
CMYK	0.00, 0.06, 0.49, 0.25
HSL	53°, 43%, 57%
HSV	53°, 49%, 75%
XYZ	40.4664, 45.1342, 18.1466
YIQ	174.8270, 33.1990, -23.4810

Conversions

Conversions Part 2

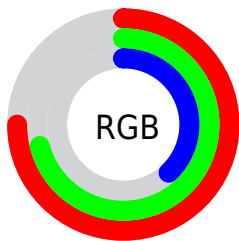
Format	Color
RYB	110, 192, 98
Decimal	12629346
CIELab	72.98, -7.39, 43.35
CIELCh	73, 43.976, 99.674
Yxy	45.1342, 0.3900, 0.4350
Android (android.graphics.Color)	4290819426 (0xFFC0B562)
YUV	174.8270, -37.8757, 15.0607
Hunter-Lab	67.1820, -10.0507, 31.0125

Details

The YIQ color **174.8270, 33.1990, -23.4810** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **115.1730, -33.1990, 23.4810**, and the grayscale version is **175.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **230.9690, 35.6750, -24.3010**, and **121.2720, 30.4480, -23.1840** is the 20% darker color. If you saturate the color by 10%, you get **171.4870, 39.8480, -28.3440**, and if you desaturate by 10%, it is **178.1670, 26.5500, -18.6180**.

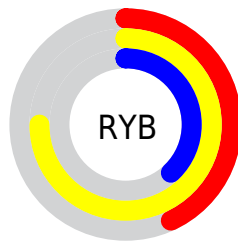
Distribution



Red (75%)

Green (71%)

Blue (38%)



Red (43%)

Yellow (75%)

Blue (38%)

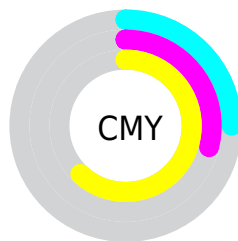


Cyan (0%)

Magenta (6%)

Yellow (49%)

Black (25%)



Cyan (25%)

Magenta (29%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 174.8270, 33.1990, -23.4810 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 174.8270, 33.1990, -23.4810 by changing the saturation by 10% instead.

■ 174.8270, 33.1990,
-23.4810

■ 174.8270, 33.1990,
-23.4810

255.0000, -0.0000,
-0.0000

■ 147.7560, 31.9610,
-23.0710

■ 230.9690, 35.6750,
-24.3010

■ 121.2720, 30.4480,
-23.1840

■ 246.2220, 24.7170,
-23.9470

■ 95.8590, 30.1730,
-23.7070

■ 249.4140, 15.7290,
-15.2390

■ 72.0760, 28.0640,
-24.0320

■ 252.6060, 6.7410,
-6.5310

■ 51.1000, 19.4890,
-17.3030

■ 31.2980, 10.3640,
-11.6200

■ 8.8050, -4.1250,

-7.8450

■ 0.0000, 0.0000,
0.0000

■ 174.8270, 33.1990,
-23.4810

■ 174.8270, 33.1990,
-23.4810

■ 171.4870, 39.8480,
-28.3440

■ 178.1670, 26.5500,
-18.6180

■ 168.1470, 46.4970,
-33.2070

■ 181.5070, 19.9010,
-13.7550

■ 164.1060, 53.7420,
-37.8580

■ 185.5480, 12.6560,
-9.1040

■ 160.7660, 60.3910,
-42.7210

■ 188.8880, 6.0070,
-4.2410

■ 157.4260, 67.0400,
-47.5840

■ 192.2280, -0.6420,
0.6220

■ 157.1980, 67.6820,
-48.2060

■ 195.5680, -7.2910,
5.4850

■ 199.4950,
-14.2150, 9.8250

■ 202.9490,
-21.1850, 14.9990

■ 204.4650,
-22.6980, 14.8860

Harmonies

Analogous

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



178.0570, 56.5790, -6.6610



174.8270, 33.1990, -23.4810



170.0660, -1.5070, -33.2750

Triad

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



174.8270, 33.1990, -23.4810



142.3320, -127.9590, -32.3350



184.1090, 34.7470, 36.5950

Complementary

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



174.8270, 33.1990, -23.4810



115.1730, -33.1990, 23.4810

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.



183.5420, -3.2610, 31.5790



174.8270, 33.1990, -23.4810



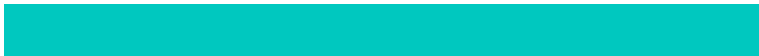
157.2190, -101.8750, -9.4510

Square

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



174.8270, 33.1990, -23.4810



139.1740, -116.3110, -45.1990



176.0030, -47.6400, 15.3680



181.5720, 57.9480, 29.1160

Rectangle

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



174.8270, 33.1990, -23.4810



165.3430, -30.2080, -36.2560



176.0030, -47.6400, 15.3680



184.5360, 23.2390, 35.9030

Sweetspot

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



174.8270, 33.1990, -23.4810



243.3200, 13.2980, -9.7260



127.5880, 51.8510, 23.9710



120.6170, 8.2080, -5.5840



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.



174.8270, 33.1990, -23.4810



223.1490, 52.1830, -37.1370



171.1180, 9.9100, -36.4420



95.2730, 3.4850, -2.5870



131.4930, 56.9060, -40.1340



26.8900, 11.6930, -8.1710

Inverse Universe

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



115.1730, -33.1990, 23.4810



129.4380, -52.4580, 36.6140



118.8820, -9.9100, 36.4420



88.7270, -3.4850, 2.5870



29.5070, -56.9060, 40.1340



6.1100, -11.6930, 8.1710

Previews

White Background



This preview shows how the YIQ color 174.8270, 33.1990, -23.4810 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 174.8270, 33.1990, -23.4810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

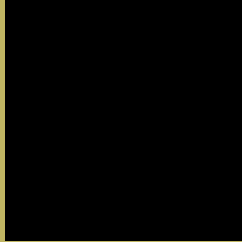
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 174.8270, 33.1990, -23.4810

Background



This preview shows how black text looks on a background with the YIQ color 174.8270, 33.1990, -23.4810.



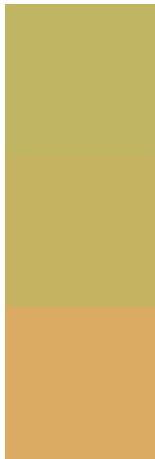
This preview shows how white text looks on a background with the YIQ color 174.8270, 33.1990, -23.4810.

-23.4810.

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

174.8270, 33.1990, -23.4810

Protanopia

175.0340, 37.0500, -21.6860

Deuteranopia

177.2580, 51.3990, -11.9050



Tritanopia

181.4520, 13.7070, 10.4030

Trichromacy



Original Color

174.8270, 33.1990, -23.4810

Protanomaly

175.0230, 35.5830, -22.6330

Deuteranomaly

176.5020, 44.6600, -16.4280

Tritanomaly

179.3690, 20.7700, -1.9660

Monochromacy



Original Color

174.8270, 33.1990, -23.4810

Achromatopsia

175.0000, -0.0000, -0.0000

Achromatomaly

174.7760, 12.0140, -8.4820

CSS Examples

Text

The CSS property to change the color of the text to YIQ 174.8270, 33.1990, -23.4810 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, 181, 98)` looks like.

```
.text, #text, p{  
    color:rgb(192, 181, 98)  
}
```

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, 181, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 181, 98) }
```

Border

The CSS property to change the border of an element to YIQ 174.8270, 33.1990, -23.4810 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, 181, 98) }
```


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

```
.border{ border-color:rgb(192, 181, 98) }
```

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

Here you see how a box with a 4 pixel rgb(192, 181, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 181, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 181, 98);  
box-shadow:4px 4px 4px 4px rgb(192, 181,  
98) }
```

Background

The CSS property to change the background color of an element to YIQ 174.8270, 33.1990, -23.4810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 181, 98) }
```

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

```
.background{ background-color: rgb(192,  
181, 98) }
```

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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