

Converting Colors

YIQ(180.0250, 33.2420, -7.7340)

Have a look what the booklet for
YIQ(180.0250, 33.2420, -7.7340)
contains.

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Color

**YIQ(180.0250, 33.2420,
-7.7340)**

Conversions

Conversions Part 1

Format	Color
Hex	CFB082
RGB	207, 176, 130
RGB Percent	81%, 69%, 51%
CMY	0.1882, 0.3098, 0.4900
CMYK	0.00, 0.15, 0.37, 0.19
HSL	36°, 45%, 66%
HSV	36°, 37%, 81%
XYZ	45.2902, 45.9254, 27.6116
YIQ	180.0250, 33.2420, -7.7340

Conversions

Conversions Part 2

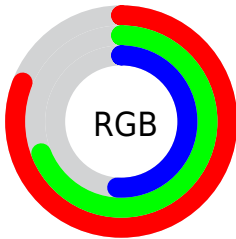
Format	Color
RYB	182, 207, 130
Decimal	13611138
CIELab	73.50, 4.77, 27.71
CIElCh	73, 28.121, 80.233
Yxy	45.9254, 0.3811, 0.3865
Android (android.graphics.Color)	4291801218 (0xFFCFB082)
YUV	180.0250, -24.6623, 23.6571
Hunter-Lab	67.7683, 0.6988, 23.2806

Details

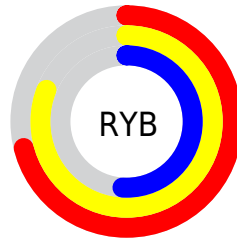
The YIQ color **180.0250, 33.2420, -7.7340** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **156.9750, -33.2420, 7.7340**, and the grayscale version is **180.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **233.2910, 29.4370, -10.3630**, and **127.0570, 30.2160, -7.9600** is the 20% darker color. If you saturate the color by 10%, you get **172.9350, 42.1830, -10.0810**, and if you desaturate by 10%, it is **187.1150, 24.3010, -5.3870**.

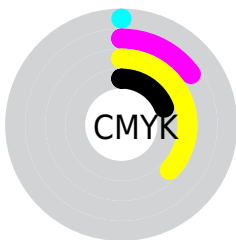
Distribution



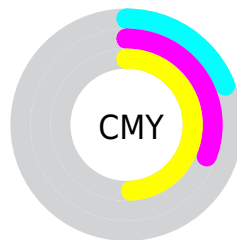
- Red (81%)
- Green (69%)
- Blue (51%)



- Red (71%)
- Yellow (81%)
- Blue (51%)



- Cyan (0%)
- Magenta (15%)
- Yellow (37%)
- Black (19%)





- Cyan (19%)
- Magenta (31%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 180.0250, 33.2420, -7.7340 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 180.0250, 33.2420, -7.7340 by changing the saturation by 10% instead.


 180.0250, 33.2420,
-7.7340


 180.0250, 33.2420,
-7.7340


255.0000, -0.0000,
-0.0000


 152.9540, 32.0040,
-7.3240


 232.7040, 29.7120,
-9.8400


 127.0570, 30.2160,
-7.9600


 249.9840, 14.1240,
-13.6840

 101.9860, 28.9780,
-7.5500

 253.2900, 4.8150,
-4.6650

 77.2030, 26.8690,
-7.8750

 53.7190, 25.3560,
-7.9880

 32.8480, 20.6790,
-5.8250

 12.1710, 12.7000,

1.1160

■ 0.0000, 0.0000,
0.0000

■ 180.0250, 33.2420,
-7.7340

■ 180.0250, 33.2420,
-7.7340

■ 172.9350, 42.1830,
-10.0810

■ 187.1150, 24.3010,
-5.3870

■ 165.3720, 51.0780,
-11.5940

■ 194.6780, 15.4060,
-3.8740

■ 158.2820, 60.0190,
-13.9410

■ 201.7680, 6.4650,
-1.5270

■ 151.1920, 68.9600,
-16.2880

■ 208.8580, -2.4760,
0.8200

■ 143.6290, 77.8550,
-17.8010

■ 216.5350,
-11.6920, 2.6440

■ 136.5390, 86.7960,
-20.1480

■ 223.5110,
-20.3120, 4.6800

■ 134.6810, 89.2720,
-20.9680

■ 228.3210,
-22.8330, 0.8070

■ 233.6040,
-25.3080, -3.9000

■ 238.3000,
-27.5080, -8.0840

Harmonies

Analogous

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



182.3780, 42.9140, 4.2100



180.0250, 33.2420, -7.7340



177.1750, 14.9040, -16.8080

Triad

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



180.0250, 33.2420, -7.7340



168.0190, -54.8780, -18.6700



184.3070, 7.2860, 22.1500

Complementary

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



180.0250, 33.2420, -7.7340



156.9750, -33.2420, 7.7340

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.



181.7320, -19.0760, 15.3240



180.0250, 33.2420, -7.7340



169.9620, -58.7310, -9.4110

Square

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



180.0250, 33.2420, -7.7340



170.1490, -34.9330, -22.2050



176.1800, -44.2450, 3.3950



184.3280, 29.1560, 22.2760

Rectangle

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



180.0250, 33.2420, -7.7340



175.4550, -0.6840, -20.6520



176.1800, -44.2450, 3.3950



184.0610, -0.8290, 20.5390

Sweetspot

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



180.0250, 33.2420, -7.7340



245.3510, 12.0130, -2.9550



156.6710, 35.6200, 26.2760



121.9530, 7.3820, -1.6260



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.



180.0250, 33.2420, -7.7340



214.8880, 49.5650, -11.7070



196.4280, 21.1410, -25.2190



100.8110, 4.9060, -0.8060



108.9320, 72.6280, -16.6840



26.3470, 17.8360, -3.8600

Inverse Universe

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



156.9750, -33.2420, 7.7340



180.1120, -49.5650, 11.7070



140.5720, -21.1410, 25.2190



97.6020, -4.6310, 1.3290



59.0680, -72.6280, 16.6840



14.0660, -17.5610, 4.3830

Previews

White Background



This preview shows how the YIQ color 180.0250, 33.2420, -7.7340 looks on a white background.

Color Contrast Check

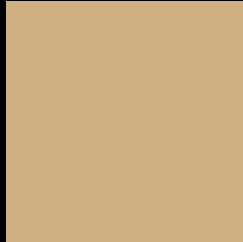
Large Text (above 18pt) WCAG AA × Fail

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 180.0250, 33.2420, -7.7340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

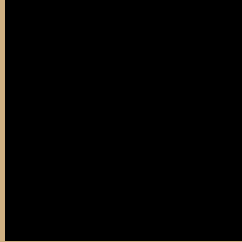
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 180.0250, 33.2420, -7.7340

Background



This preview shows how black text looks on a background with the YIQ color 180.0250, 33.2420, -7.7340.



This preview shows how white text looks on a background with the YIQ color 180.0250, 33.2420, -7.7340.

-7.7340.

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

180.0250, 33.2420, -7.7340

Protanopia

179.3010, 23.4770, -12.4830

Deuteranopia

180.4710, 37.9180, -4.3700



Tritanopia

183.6380, 22.0510, 13.3710

Trichromacy



Original Color

180.0250, 33.2420, -7.7340

Protanomaly

179.5080, 27.3280, -10.6880

Deuteranomaly

180.1610, 35.8550, -5.5290

Tritanomaly

182.6350, 26.1330, 5.4690

Monochromacy



Original Color

180.0250, 33.2420, -7.7340

Achromatopsia

180.0000, -0.0000, -0.0000

Achromatomaly

180.3510, 12.0130, -2.9550

CSS Examples

Text

The CSS property to change the color of the text to YIQ 180.0250, 33.2420, -7.7340 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(207, 176, 130)` looks like.

```
.text, #text, p{  
    color:rgb(207, 176, 130)  
}
```

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(207, 176, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 176, 130) }
```

Border

The CSS property to change the border of an element to YIQ 180.0250, 33.2420, -7.7340 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(207, 176, 130) }
```


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

```
.border{ border-color:rgb(207, 176, 130) }
```

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

Here you see how a box with a 4 pixel rgb(207, 176, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 176, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 176, 130);  
box-shadow:4px 4px 4px 4px rgb(207, 176,  
130) }
```

Background

The CSS property to change the background color of an element to YIQ 180.0250, 33.2420, -7.7340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 176, 130) }
```

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

```
.background{ background-color: rgb(207,  
176, 130) }
```

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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