

Converting Colors

YIQ(142.0250, 33.2420, -7.7340)

Have a look what the booklet for
YIQ(142.0250, 33.2420, -7.7340)
contains.

YIQ(142.0250, 33.2420, -7.7340)	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(142.0250, 33.2420,
-7.7340)**

Conversions

Conversions Part 1

Format	Color
Hex	A98A5C
RGB	169, 138, 92
RGB Percent	66%, 54%, 36%
CMY	0.3372, 0.4589, 0.6390
CMYK	0.00, 0.18, 0.46, 0.34
HSL	36°, 31%, 51%
HSV	36°, 46%, 66%
XYZ	27.3849, 27.3829, 13.9771
YIQ	142.0250, 33.2420, -7.7340

Conversions

Conversions Part 2

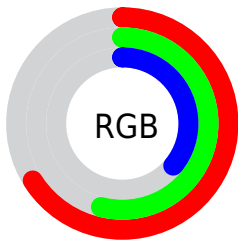
Format	Color
RYB	144, 169, 92
Decimal	11111004
CIELab	59.33, 5.55, 28.98
CIElCh	59, 29.511, 79.155
Yxy	27.3829, 0.3984, 0.3983
Android (android.graphics.Color)	4289301084 (0xFFA98A5C)
YUV	142.0250, -24.6623, 23.6571
Hunter-Lab	52.3287, 1.8382, 20.7936

Details

The YIQ color **142.0250, 33.2420, -7.7340** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **118.9750, -33.2420, 7.7340**, and the grayscale version is **142.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **195.9930, 36.2680, -7.5080**, and **91.1710, 29.8950, -7.6490** is the 20% darker color. If you saturate the color by 10%, you get **135.9780, 40.6240, -9.3600**, and if you desaturate by 10%, it is **148.0720, 25.8600, -6.1080**.

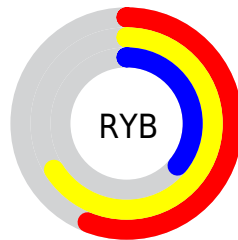
Distribution



Red (66%)

Green (54%)

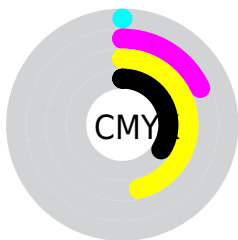
Blue (36%)



Red (56%)

Yellow (66%)

Blue (36%)

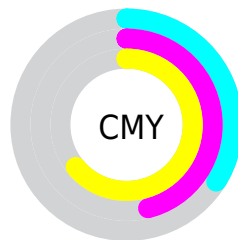


Cyan (0%)

Magenta (18%)

Yellow (46%)

Black (34%)



Cyan (34%)


Magenta (46%)


Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 142.0250, 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 142.0250, 33.2420, -7.7340 by changing the saturation by 10% instead.


 142.0250, 33.2420,
-7.7340


 142.0250, 33.2420,
-7.7340


255.0000, -0.0000,
-0.0000


 116.5410, 31.7290,
-7.8470


 195.9930, 36.2680,
-7.5080

 91.1710, 29.8950,
-7.6490


 224.1780, 37.1850,
-7.6070

 67.3880, 27.7860,
-7.9740


 244.2790, 20.5430,
-14.3770

 44.3770, 26.3190,
-8.9210

 251.5800, 9.6300,
-9.3300

 25.4610, 17.5150,
-3.5490

254.8860, 0.3210,
-0.3110

 2.0930, 4.1720,
1.4840

 0.0000, 0.0000,

0.0000

■ 142.0250, 33.2420,
-7.7340

■ 142.0250, 33.2420,
-7.7340

■ 135.9780, 40.6240,
-9.3600

■ 148.0720, 25.8600,
-6.1080

■ 129.9310, 48.0060,
-10.9860

■ 154.1190, 18.4780,
-4.4820

■ 124.4710, 55.1130,
-13.1350

■ 159.5790, 11.3710,
-2.3330

■ 118.4240, 62.4950,
-14.7610

■ 165.6260, 3.9890,
-0.7070

■ 112.4910, 69.5560,
-16.0760

■ 171.6730, -3.3930,
0.9190

■ 109.8180, 72.9490,
-16.9950

■ 177.6060,
-10.4540, 2.2340

■ 183.6530,
-17.8360, 3.8600

■ 189.1130,
-24.9430, 6.0090

■ 195.1600,
-32.3250, 7.6350

Harmonies

Analogous

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



143.6060, 42.2720, 4.8320



142.0250, 33.2420, -7.7340



139.3600, 15.8210, -16.9070

Triad

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



142.0250, 33.2420, -7.7340



127.0290, -60.8380, -20.7900



146.1220, 6.3690, 22.2490

Complementary

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



142.0250, 33.2420, -7.7340



118.9750, -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.



143.8350, -20.8640, 14.6880



142.0250, 33.2420, -7.7340



128.0750, -66.4790, -12.1670

Square

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



142.0250, 33.2420, -7.7340



131.4370, -35.8040, -22.9400



136.3860, -47.8210, 2.1230



146.4420, 28.8350, 22.5870

Rectangle

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



142.0250, 33.2420, -7.7340



137.3410, -0.3630, -20.9630



136.3860, -47.8210, 2.1230



145.5770, -2.3420, 20.4260

Sweetspot

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



142.0250, 33.2420, -7.7340



208.5360, 12.9300, -3.0540



118.6710, 35.6200, 26.2760



103.1380, 8.2990, -1.7250



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



142.0250, 33.2420, -7.7340



177.1440, 51.7200, -12.2160



158.4280, 21.1410, -25.2190



81.3270, 3.3930, -0.9190



95.9080, 64.0080, -14.6480



13.0240, 8.6200, -2.0360

Inverse Universe

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



118.9750, -33.2420, 7.7340



140.8560, -51.7200, 12.2160



102.5720, -21.1410, 25.2190



78.6730, -3.3930, 0.9190



52.0920, -64.0080, 14.6480



6.9760, -8.6200, 2.0360

Previews

White Background



This preview shows how the YIQ color 142.0250, 33.2420, -7.7340 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 142.0250, 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 × Fail

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

YIQ 142.0250, 33.2420, -7.7340

Background



This preview shows how black text looks on a background with the YIQ color 142.0250, 33.2420, -7.7340.



This preview shows how white text looks on a background with the YIQ color 142.0250, 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

142.0250, 33.2420, -7.7340

Protanopia

141.0020, 22.8810, -12.6950

Deuteranopia

142.3350, 35.3050, -6.5750



Tritanopia

145.6980, 21.8220, 12.0140

Trichromacy



Original Color

142.0250, 33.2420, -7.7340

Protanomaly

141.2090, 26.7320, -10.9000

Deuteranomaly

142.0360, 34.7090, -6.7870

Tritanomaly

144.2220, 25.8580, 4.9460

Monochromacy



Original Color

142.0250, 33.2420, -7.7340

Achromatopsia

142.0000, -0.0000, -0.0000

Achromatomaly

142.3510, 12.0130, -2.9550

CSS Examples

Text

The CSS property to change the color of the text to YIQ 142.0250, 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(169, 138, 92)` looks like.

```
.text, #text, p{  
    color:rgb(169, 138, 92)  
}
```

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(169, 138, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 138, 92) }
```

Border

The CSS property to change the border of an element to YIQ 142.0250, 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(169, 138, 92) }
```


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

```
.border{ border-color:rgb(169, 138, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 138, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 138, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 138, 92);  
box-shadow:4px 4px 4px 4px rgb(169, 138,  
92) }
```

Background

The CSS property to change the background color of an element to YIQ 142.0250, 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(169, 138, 92) }
```

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

```
.background{ background-color: rgb(169,  
138, 92) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor