

Converting Colors

YIQ(112.8100, 33.0100, 7.4900)

Have a look what the booklet for
YIQ(112.8100, 33.0100, 7.4900)
contains.

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Color

**YIQ(112.8100, 33.0100,
7.4900)**

Conversions

Conversions Part 1

Format	Color
Hex	956359
RGB	149, 99, 89
RGB Percent	58%, 39%, 35%
CMY	0.4156, 0.6118, 0.6508
CMYK	0.00, 0.34, 0.40, 0.42
HSL	10°, 25%, 47%
HSV	10°, 40%, 58%
XYZ	18.6642, 16.0338, 11.5701
YIQ	112.8100, 33.0100, 7.4900

Conversions

Conversions Part 2

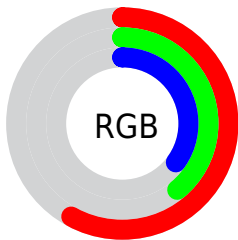
Format	Color
R_{YB}	149, 101, 89
Decimal	9790297
CIE Lab	47.02, 18.99, 13.92
CIE LCh	47, 23.545, 36.250
Yxy	16.0338, 0.4034, 0.3465
Android (android.graphics.Color)	4287980377 (0xFF956359)
YUV	112.8100, -11.7383, 31.7386
Hunter-Lab	40.0423, 13.1271, 10.8979

Details

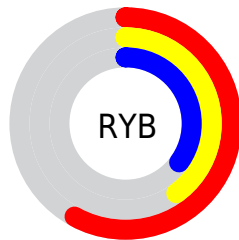
The YIQ color **112.8100, 33.0100, 7.4900** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **125.1900, -33.0100, -7.4900**, and the grayscale version is **113.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **165.1910, 36.3110, 8.2390**, and **64.1300, 29.1130, 6.5290** is the 20% darker color. If you saturate the color by 10%, you get **104.0560, 41.1250, 9.1010**, and if you desaturate by 10%, it is **121.5640, 24.8950, 5.8790**.

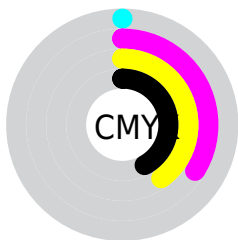
Distribution



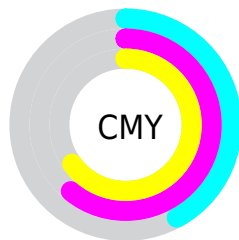
- Red (58%)
- Green (39%)
- Blue (35%)



- Red (58%)
- Yellow (40%)
- Blue (35%)



- Cyan (0%)
- Magenta (34%)
- Yellow (40%)
- Black (42%)





- Cyan (42%)
- Magenta (61%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 112.8100, 33.0100, 7.4900 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 112.8100, 33.0100, 7.4900 by changing the saturation by 10% instead.


 112.8100, 33.0100,
7.4900


 112.8100, 33.0100,
7.4900


255.0000, -0.0000,
-0.0000


 88.0270, 30.9010,
7.1650


 165.1910, 36.3110,
8.2390


 64.2440, 28.7920,
6.8400


 192.6750, 37.8240,
8.3520


 41.4610, 26.6830,
6.5150


 218.5820, 33.6520,
6.8680

 18.7490, 25.8120,
5.7800

 238.0960, 17.2850,
0.6210

 4.4850, 8.9400,
3.1800

 254.3160, 1.9260,
-1.8660

 0.0000, 0.0000,
0.0000

■ 112.8100, 33.0100,
7.4900

■ 112.8100, 33.0100,
7.4900

■ 104.0560, 41.1250,
9.1010

■ 121.5640, 24.8950,
5.8790

■ 94.7150, 49.5150,
11.2350

■ 130.9050, 16.5050,
3.7450

■ 85.9610, 57.6300,
12.8460

■ 139.6590, 8.3900,
2.1340

■ 76.6200, 66.0200,
14.9800

■ 149.0000, 0.0000,
-0.0000

■ 67.9800, 73.8140,
16.9020

■ 157.7540, -8.1150,
-1.6110

■ 59.2260, 81.9290,
18.5130

■ 166.9810,
-16.1840, -4.0560

■ 175.7350,
-24.2990, -5.6670

■ 184.4890,

-32.4140, -7.2780

■ 193.8300,
-40.8040, -9.4120

Harmonies

Analogous

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



114.1010, 28.0570, 14.6570



112.8100, 33.0100, 7.4900



111.5610, 28.9770, -2.0230

Triad

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



112.8100, 33.0100, 7.4900



104.5810, -18.4740, -17.6260



110.1670, -25.0350, 7.6770

Complementary

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



112.8100, 33.0100, 7.4900



125.1900, -33.0100, -7.4900

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.



104.5620, -42.6850, -2.8530



112.8100, 33.0100, 7.4900



100.8700, -38.2810, -16.5930

Square

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



112.8100, 33.0100, 7.4900



107.5850, 2.0660, -15.4220



99.7580, -49.4690, -12.0690



113.8170, -3.2580, 14.9980

Rectangle

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



112.8100, 33.0100, 7.4900



110.1640, 22.6050, -7.6910



99.7580, -49.4690, -12.0690



108.3510, -31.5450, 4.5110

Sweetspot

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



112.8100, 33.0100, 7.4900



179.6380, 12.8830, 3.3070



112.7540, 19.3890, 28.5810



88.9470, 7.5190, 1.3990



224.0000, -0.0000, 0.0000



97.0000, -0.0000, 0.0000

Same Dimension

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



112.8100, 33.0100, 7.4900



137.6120, 51.3030, 11.8710



129.8330, 25.0350, -7.6770



69.6800, 3.8970, 0.9610



54.7630, 75.9230, 17.2270



4.1640, 5.4100, 1.0740

Inverse Universe

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



125.1900, -33.0100, -7.4900



156.8010, -51.0280, -11.3480



108.1670, -25.0350, 7.6770



71.3200, -3.8970, -0.9610



83.2370, -75.9230, -17.2270



6.4230, -5.6850, -1.5970

Previews

White Background



This preview shows how the YIQ color 112.8100, 33.0100, 7.4900 looks on a white 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

Black Background



This preview shows how the YIQ color 112.8100, 33.0100, 7.4900 looks on a black 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

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

YIQ 112.8100, 33.0100, 7.4900

Background



This preview shows how black text looks on a background with the YIQ color 112.8100, 33.0100, 7.4900.



This preview shows how white text looks on a background with the YIQ color 112.8100, 33.0100,

7.4900.

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

112.8100, 33.0100, 7.4900

Protanopia

111.8560, 9.0330, -4.0150

Deuteranopia

111.8960, 20.7240, -1.1320



Tritanopia

113.6450, 29.3410, 13.4130

Trichromacy



Original Color

112.8100, 33.0100, 7.4900

Protanomaly

111.9820, 17.6060, 0.3100

Deuteranomaly

112.3420, 25.4000, 2.2320

Tritanomaly

113.6620, 30.6710, 11.3350

Monochromacy



Original Color

112.8100, 33.0100, 7.4900

Achromatopsia

113.0000, -0.0000, 0.0000

Achromatomaly

112.9260, 12.0120, 2.5720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 112.8100, 33.0100, 7.4900 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(149, 99, 89)` looks like.

```
.text, #text, p{  
    color:rgb(149, 99, 89)  
}
```

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(149, 99, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 99, 89) }
```

Border

The CSS property to change the border of an element to YIQ 112.8100, 33.0100, 7.4900 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(149, 99, 89) }
```


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

```
.border{ border-color:rgb(149, 99, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 99, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 99, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 99, 89);  
box-shadow:4px 4px 4px 4px rgb(149, 99,  
89) }
```

Background

The CSS property to change the background color of an element to YIQ 112.8100, 33.0100, 7.4900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 99, 89) }
```

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

```
.background{ background-color: rgb(149, 99,  
89) }
```

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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