

Converting Colors

YIQ(99.2980, -7.9720, -31.7480)

Have a look what the booklet for
YIQ(99.2980, -7.9720, -31.7480)
contains.

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Color

**YIQ(99.2980, -7.9720,
-31.7480)**

Conversions

Conversions Part 1

Format	Color
Hex	487A36
RGB	72, 122, 54
RGB Percent	28%, 48%, 21%
CMY	0.7178, 0.5215, 0.7882
CMYK	0.41, 0.00, 0.56, 0.52
HSL	104°, 39%, 35%
HSV	104°, 56%, 48%
XYZ	10.2975, 15.5667, 5.9526
YIQ	99.2980, -7.9720, -31.7480

Conversions

Conversions Part 2

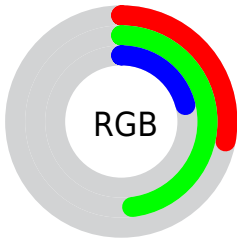
Format	Color
RYB	54, 122, 104
Decimal	4749878
CIELab	46.40, -30.61, 31.68
CIElCh	46, 44.052, 134.014
Yxy	15.5667, 0.3236, 0.4893
Android (android.graphics.Color)	4282939958 (0xFF487A36)
YUV	99.2980, -22.3319, -23.9403
Hunter-Lab	39.4547, -22.4580, 18.6730

Details

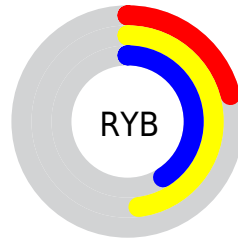
The YIQ color $99.2980, -7.9720, -31.7480$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $76.7020, 7.9720, 31.7480$, and the grayscale version is $100.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $151.5430, -7.2840, -33.2040$, and $49.5150, -10.0810, -32.0730$ is the 20% darker color. If you saturate the color by 10%, you get $95.2390, -9.4840, -37.3880$, and if you desaturate by 10%, it is $103.3570, -6.4600, -26.1080$.

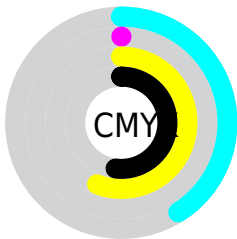
Distribution



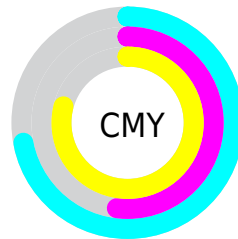
- Red (28%)
- Green (48%)
- Blue (21%)



- Red (21%)
- Yellow (48%)
- Blue (41%)



- Cyan (41%)
- Magenta (0%)
- Yellow (56%)
- Black (52%)



- Cyan (72%)
- Magenta (52%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 99.2980, -7.9720, -31.7480 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 99.2980, -7.9720, -31.7480 by changing the saturation by 10% instead.

■ 99.2980, -7.9720,
-31.7480

■ 99.2980, -7.9720,
-31.7480

■ 255.0000, -0.0000,
-0.0000

■ 74.5260, -8.6140,
-31.1260

■ 151.5430, -7.2840,
-33.2040

■ 49.5150, -10.0810,
-32.0730

■ 178.0160, -7.2380,
-34.0380

■ 29.3500, -13.7500,
-26.1500

■ 206.4890, -7.1920,
-34.8720

■ 17.6100, -8.2500,
-15.6900

■ 232.0270, -5.7710,
-33.0910

■ 0.0000, 0.0000,
0.0000

■ 243.8900, 2.5250,
-18.2350

■ 253.0620, 5.4570,

-5.2870

■ 99.2980, -7.9720,
-31.7480

■ 99.2980, -7.9720,
-31.7480

■ 95.2390, -9.4840,
-37.3880

■ 103.3570, -6.4600,
-26.1080

■ 91.1800, -10.9960,
-43.0280

■ 107.4160, -4.9480,
-20.4680

■ 87.0070, -12.1870,
-48.9790

■ 111.5890, -3.7570,
-14.5170

■ 82.9480, -13.6990,
-54.6190

■ 115.6480, -2.2450,
-8.8770

■ 81.1820, -14.4780,
-57.0220

■ 119.7070, -0.7330,
-3.2370

■ 123.7660, 0.7790,
2.4030

■ 127.8250, 2.2910,
8.0430

■ 131.9980, 3.4820,
13.9940

■ 136.0570, 4.9940,
19.6340

Harmonies

Analogous

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



104.0650, 26.5970, -24.9790



99.2980, -7.9720, -31.7480



84.5810, -63.1730, -39.0530

Triad

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



99.2980, -7.9720, -31.7480



91.0740, -91.1010, -6.4690



109.1370, 54.7390, 26.6990

Complementary

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



99.2980, -7.9720, -31.7480



76.7020, 7.9720, 31.7480

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.



111.8270, 35.4810, 34.3050



99.2980, -7.9720, -31.7480



106.2700, -44.0180, 15.8060

Square

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



99.2980, -7.9720, -31.7480



92.2020, -86.0100, -16.1380



113.2390, 1.9660, 30.4620



108.7390, 58.1350, 9.1990

Rectangle

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



99.2980, -7.9720, -31.7480



88.1320, -71.7940, -31.4900



113.2390, 1.9660, 30.4620



109.6190, 50.5660, 30.7420

Sweetspot

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



99.2980, -7.9720, -31.7480



148.9420, -3.2530, -12.6370



103.6820, 26.7780, -11.7340



73.5880, -2.0160, -7.5200



207.0000, 0.0000, -0.0000



79.0000, -0.0000, 0.0000

Same Dimension

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



99.2980, -7.9720, -31.7480



122.5940, -12.4620, -49.5020



95.7400, -23.8360, -30.5880



59.1200, -0.4580, -2.7140



83.2420, -14.7070, -58.3790



167.9570, -29.3680, -117.5920

Inverse Universe

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



76.7020, 7.9720, 31.7480



87.4060, 12.4620, 49.5020



80.2600, 23.8360, 30.5880



57.1790, 1.0540, 2.9260



41.7580, 14.7070, 58.3790



84.3420, 29.9640, 117.8040

Previews

White Background



This preview shows how the YIQ color 99.2980, -7.9720, -31.7480 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 99.2980, -7.9720, -31.7480 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 99.2980, -7.9720, -31.7480

Background



This preview shows how black text looks on a background with the YIQ color 99.2980, -7.9720, -31.7480.



This preview shows how white text looks on a background with the YIQ color 99.2980, -7.9720, -31.7480.

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

99.2980, -7.9720, -31.7480

Protanopia

106.4490, 25.8160, -16.3280

Deuteranopia

107.8400, 32.3250, -7.6350



Tritanopia

106.7570, -21.3650, -3.7730

Trichromacy



Original Color

99.2980, -7.9720, -31.7480

Protanomaly

103.5290, 13.6670, -21.9250

Deuteranomaly

104.8440, 17.3340, -16.7940

Tritanomaly

104.4720, -16.5490, -13.9650

Monochromacy



Original Color

99.2980, -7.9720, -31.7480

Achromatopsia

99.0000, -0.0000, 0.0000

Achromatomaly

98.8820, -3.0240, -11.2800

CSS Examples

Text

The CSS property to change the color of the text to YIQ 99.2980, -7.9720, -31.7480 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(72, 122, 54)` looks like.

```
.text, #text, p{  
    color:rgb(72, 122, 54)  
}
```

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(72, 122, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 122, 54) }
```

Border

The CSS property to change the border of an element to YIQ 99.2980, -7.9720, -31.7480 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(72, 122, 54) }
```


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

```
.border{ border-color:rgb(72, 122, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 122, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 122, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 122, 54);  
box-shadow:4px 4px 4px 4px rgb(72, 122,  
54) }
```

Background

The CSS property to change the background color of an element to YIQ 99.2980, -7.9720, -31.7480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 122, 54) }
```

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

```
.background{ background-color: rgb(72, 122,  
54) }
```

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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