

Converting Colors

YIQ(99.8400, -12.3740,
-29.0620)

Have a look what the booklet for
YIQ(99.8400, -12.3740, -29.0620)
contains.

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Color

**YIQ(99.8400, -12.3740,
-29.0620)**

Conversions

Conversions Part 1

Format	Color
Hex	467A40
RGB	70, 122, 64
RGB Percent	27%, 48%, 25%
CMY	0.7256, 0.5215, 0.7490
CMYK	0.43, 0.00, 0.48, 0.52
HSL	114°, 31%, 36%
HSV	114°, 48%, 48%
XYZ	10.4104, 15.5951, 7.3118
YIQ	99.8400, -12.3740, -29.0620

Conversions

Conversions Part 2

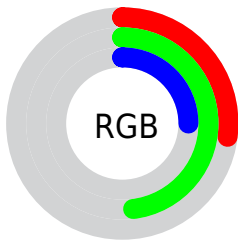
Format	Color
RYB	64, 122, 116
Decimal	4618816
CIELab	46.44, -29.90, 26.36
CIElCh	46, 39.864, 138.604
Yxy	15.5951, 0.3125, 0.4681
Android (android.graphics.Color)	4282808896 (0xFF467A40)
YUV	99.8400, -17.6691, -26.1697
Hunter-Lab	39.4907, -22.0529, 16.6658

Details


The YIQ color $99.8400, -12.3740, -29.0620$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $86.1600, 12.3740, 29.0620$, and the grayscale version is $100.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $151.7860, -12.2820, -30.7300$, and $50.3990, -15.4460, -28.4540$ is the 20% darker color. If you saturate the color by 10%, you get $95.1830, -15.0780, -35.1260$, and if you desaturate by 10%, it is $104.4970, -9.6700, -22.9980$.

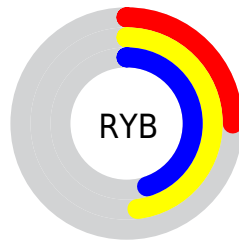
Distribution



 Red (27%)

 Green (48%)

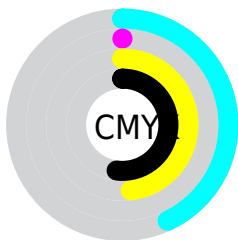
 Blue (25%)





 Red (25%)

 Yellow (48%)

 Blue (45%)

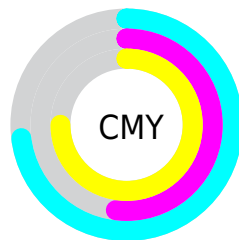


 Cyan (43%)


 Magenta (0%)

 Yellow (48%)

 Black (52%)



 Cyan (73%)

 Magenta (52%)

 Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 99.8400, -12.3740, -29.0620 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 99.8400, -12.3740, -29.0620 by changing the saturation by 10% instead.

■ 99.8400, -12.3740,
-29.0620

■ 99.8400, -12.3740,
-29.0620

■ 255.0000, -0.0000,
-0.0000

■ 75.0680, -13.0160,
-28.4400

■ 151.7860,
-12.2820, -30.7300

■ 50.3990, -15.4460,
-28.4540

■ 178.6720,
-11.9610, -31.0410

■ 28.7630, -13.4750,
-25.6270

■ 206.7320,
-12.1900, -32.3980

■ 18.1970, -8.5250,
-16.2130

■ 232.2700,
-10.7690, -30.6170

■ 0.0000, 0.0000,
0.0000

■ 244.2470, -2.7940,
-15.4500

■ 254.3160, 1.9260,

-1.8660

■ 99.8400, -12.3740,
-29.0620

■ 99.8400, -12.3740,
-29.0620

■ 95.1830, -15.0780,
-35.1260

■ 104.4970, -9.6700,
-22.9980

■ 90.5260, -17.7820,
-41.1900

■ 109.1540, -6.9660,
-16.9340

■ 85.7550, -20.1650,
-47.5650

■ 113.9250, -4.5830,
-10.5590

■ 81.0980, -22.8690,
-53.6290

■ 118.5820, -1.8790,
-4.4950

■ 76.4410, -25.5730,
-59.6930

■ 123.2390, 0.8250,
1.5690

■ 75.5010, -25.8020,
-61.0500

■ 127.8960, 3.5290,
7.6330

■ 132.5530, 6.2330,
13.6970

■ 137.3240, 8.6160,
20.0720

■ 141.9810, 11.3200,
26.1360

Harmonies

Analogous

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



104.9980, 19.5360, -23.6640



99.8400, -12.3740, -29.0620



84.9060, -65.4660, -36.0420

Triad

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



99.8400, -12.3740, -29.0620



88.6290, -88.3500, -6.7660



109.9360, 50.7510, 21.8790

Complementary

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



99.8400, -12.3740, -29.0620



86.1600, 12.3740, 29.0620

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.



112.1920, 35.7110, 30.1350



99.8400, -12.3740, -29.0620



108.8540, -31.0430, 17.4450

Square

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



99.8400, -12.3740, -29.0620



90.9140, -85.1390, -15.4030



113.5230, 6.9180, 28.8220



109.1080, 52.5420, 5.9340

Rectangle

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



99.8400, -12.3740, -29.0620



88.1150, -73.1240, -29.4120



113.5230, 6.9180, 28.8220



110.6030, 47.4950, 25.8230

Sweetspot

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



99.8400, -12.3740, -29.0620



149.5120, -4.8580, -11.0820



111.2790, 20.5430, -14.3770



73.9300, -2.9790, -6.5870



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.



99.8400, -12.3740, -29.0620



123.5210, -19.3860, -45.1620



100.5540, -23.0120, -23.4920



58.8210, -1.0540, -2.9260



77.2620, -26.6270, -62.6190



155.6980, -53.8040, -126.2840

Inverse Universe

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



86.1600, 12.3740, 29.0620



102.4790, 19.3860, 45.1620



85.4460, 23.0120, 23.4920



57.4780, 1.6500, 3.1380



47.7380, 26.6270, 62.6190



96.6010, 54.4000, 126.4960

Previews

White Background



This preview shows how the YIQ color 99.8400, -12.3740, -29.0620 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 99.8400, -12.3740, -29.0620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

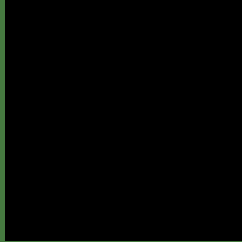
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 99.8400, -12.3740, -29.0620

Background



This preview shows how black text looks on a background with the YIQ color 99.8400, -12.3740, -29.0620.



This preview shows how white text looks on a background with the YIQ color 99.8400, -12.3740,

-29.0620.

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

99.8400, -12.3740, -29.0620

Protanopia

107.5890, 22.6060, -13.2180

Deuteranopia

108.8550, 27.9690, -5.7830



Tritanopia

106.1590, -22.5570, -4.1970

Trichromacy



Original Color

99.8400, -12.3740, -29.0620

Protanomaly

104.3700, 9.8610, -19.0270

Deuteranomaly

105.3860, 12.9320, -14.1080

Tritanomaly

104.2160, -18.7040, -13.4560

Monochromacy



Original Color

99.8400, -12.3740, -29.0620

Achromatopsia

100.0000, -0.0000, -0.0000

Achromatomaly

99.9250, -4.5830, -10.5590

CSS Examples

Text

The CSS property to change the color of the text to YIQ 99.8400, -12.3740, -29.0620 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(70, 122, 64)` looks like.

```
.text, #text, p{  
    color:rgb(70, 122, 64)  
}
```

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(70, 122, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 122, 64) }
```

Border

The CSS property to change the border of an element to YIQ 99.8400, -12.3740, -29.0620 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(70, 122, 64) }
```


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

```
.border{ border-color:rgb(70, 122, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 122, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 122, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 122, 64);  
box-shadow:4px 4px 4px 4px rgb(70, 122,  
64) }
```

Background

The CSS property to change the background color of an element to YIQ 99.8400, -12.3740, -29.0620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 122, 64) }
```

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

```
.background{ background-color: rgb(70, 122,  
64) }
```

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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