

Converting Colors

YIQ(99.0930, -14.1640,
-18.6440)

Have a look what the booklet for
YIQ(99.0930, -14.1640, -18.6440)
contains.

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Color

**YIQ(99.0930, -14.1640,
-18.6440)**

Conversions

Conversions Part 1

Format	Color
Hex	4A7353
RGB	74, 115, 83
RGB Percent	29%, 45%, 33%
CMY	0.7099, 0.5489, 0.6745
CMYK	0.36, 0.00, 0.28, 0.55
HSL	133°, 22%, 37%
HSV	133°, 36%, 45%
XYZ	10.5154, 14.3444, 10.3965
YIQ	99.0930, -14.1640, -18.6440

Conversions

Conversions Part 2

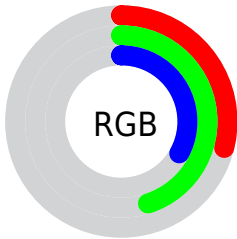
Format	Color
R_{YB}	74, 108, 115
Decimal	4879187
CIE _{Lab}	44.72, -21.71, 13.28
CIE _{LCh}	45, 25.447, 148.537
Yxy	14.3444, 0.2983, 0.4069
Android (android.graphics.Color)	4283069267 (0xFF4A7353)
YUV	99.0930, -7.9338, -22.0066
Hunter-Lab	37.8741, -16.7204, 10.2366

Details

The YIQ color **99.0930, -14.1640, -18.6440** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **89.9070, 14.1640, 18.6440**, and the grayscale version is **99.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **150.2670, -14.7140, -19.6900**, and **51.7340, -14.5310, -17.4990** is the 20% darker color. If you saturate the color by 10%, you get **94.4790, -18.4270, -23.9870**, and if you desaturate by 10%, it is **103.4080, -10.4970, -13.5130**.

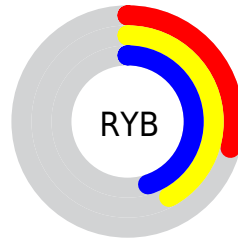
Distribution



Red (29%)

Green (45%)

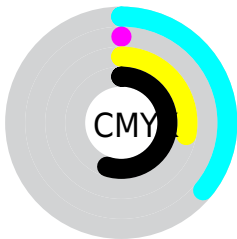
Blue (33%)



Red (29%)

Yellow (42%)

Blue (45%)

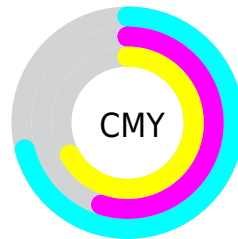


Cyan (36%)

Magenta (0%)

Yellow (28%)

Black (55%)



Cyan (71%)

Magenta (55%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 99.0930, -14.1640, -18.6440 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 99.0930, -14.1640, -18.6440 by changing the saturation by 10% instead.

■ 99.0930, -14.1640,
-18.6440

■ 99.0930, -14.1640,
-18.6440

■ 255.0000, -0.0000,
-0.0000

■ 74.6200, -14.2100,
-17.8100

■ 150.2670,
-14.7140, -19.6900

■ 51.7340, -14.5310,
-17.4990

■ 177.4410,
-15.2640, -20.7360

■ 28.3640, -16.3650,
-17.3010

■ 205.3270,
-14.9430, -21.0470

■ 14.6750, -6.8750,
-13.0750

■ 232.9140,
-15.2180, -21.5700

■ 0.0000, 0.0000,
0.0000

■ 247.2390, -8.3430,
-8.4950

■ 99.0930, -14.1640,
-18.6440

■ 99.0930, -14.1640,
-18.6440

■ 94.4790, -18.4270,
-23.9870

■ 103.4080,
-10.4970, -13.5130

■ 90.1640, -22.0940,
-29.1180

■ 108.0220, -6.2340,
-8.1700

■ 85.5500, -26.3570,
-34.4610

■ 112.3370, -2.5670,
-3.0390

■ 81.2350, -30.0240,
-39.5920

■ 116.9510, 1.6960,
2.3040

■ 76.6210, -34.2870,
-44.9350

■ 121.2660, 5.3630,
7.4350

■ 72.3060, -37.9540,
-50.0660

■ 125.8800, 9.6260,
12.7780

■ 70.3550, -39.6500,
-52.3700

■ 130.1950, 13.2930,
17.9090

■ 134.8090, 17.5560,

23.2520

■ 139.1240, 21.2230,
28.3830

Harmonies

Analogous

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



102.5100, 6.6510, -15.9170



99.0930, -14.1640, -18.6440



94.5880, -37.5470, -18.8830

Triad

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



99.0930, -14.1640, -18.6440



102.3940, -33.1040, 5.2320



107.2880, 34.6600, 10.6280

Complementary

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



99.0930, -14.1640, -18.6440



89.9070, 14.1640, 18.6440

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.



108.4970, 27.0020, 17.2580



99.0930, -14.1640, -18.6440



107.5820, -9.9060, 14.3340

Square

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



99.0930, -14.1640, -18.6440



94.6530, -53.3670, -7.5030



108.6510, 12.0090, 19.1530



106.1810, 33.1030, 0.2950

Rectangle

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



99.0930, -14.1640, -18.6440



91.1010, -52.1730, -18.1330



108.6510, 12.0090, 19.1530



107.3850, 33.0090, 13.0170

Sweetspot

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



99.0930, -14.1640, -18.6440



143.8480, -5.6840, -7.1240



107.6350, 7.7970, -14.6590



73.0980, -3.3920, -4.6080



204.0000, -0.0000, -0.0000



77.0000, -0.0000, -0.0000

Same Dimension

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



99.0930, -14.1640, -18.6440



125.1640, -22.0940, -29.1180



101.3730, -20.5840, -12.4240



56.6360, -1.9710, -2.8270



74.6920, -42.2170, -55.4090



153.0200, -86.4050, -113.6450

Inverse Universe

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



89.9070, 14.1640, 18.6440



110.8360, 22.0940, 29.1180



87.6270, 20.5840, 12.4240



55.2500, 2.2920, 2.5160



47.3080, 42.2170, 55.4090



96.9800, 86.4050, 113.6450

Previews

White Background



This preview shows how the YIQ color 99.0930, -14.1640, -18.6440 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 99.0930, -14.1640, -18.6440 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 99.0930, -14.1640, -18.6440

Background



This preview shows how black text looks on a background with the YIQ color 99.0930, -14.1640, -18.6440.



This preview shows how white text looks on a background with the YIQ color 99.0930, -14.1640,

-18.6440.

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

99.0930, -14.1640, -18.6440

Protanopia

104.4280, 13.1140, -6.3900

Deuteranopia

105.5690, 17.3310, -0.2130



Tritanopia

102.3550, -20.1730, -3.3490

Trichromacy



Original Color

99.0930, -14.1640, -18.6440

Protanomaly

102.7040, 3.3490, -11.1390

Deuteranomaly

103.3070, 6.1450, -6.7430

Tritanomaly

101.1500, -18.3380, -9.0740

Monochromacy



Original Color

99.0930, -14.1640, -18.6440

Achromatopsia

99.0000, -0.0000, 0.0000

Achromatomaly

99.1470, -5.0880, -6.9120

CSS Examples

Text

The CSS property to change the color of the text to YIQ 99.0930, -14.1640, -18.6440 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(74, 115, 83)` looks like.

```
.text, #text, p{  
    color:rgb(74, 115, 83)  
}
```

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(74, 115, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 115, 83) }
```

Border

The CSS property to change the border of an element to YIQ 99.0930, -14.1640, -18.6440 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(74, 115, 83) }
```


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

```
.border{ border-color:rgb(74, 115, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 115, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 115, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 115, 83);  
box-shadow:4px 4px 4px 4px rgb(74, 115,  
83) }
```

Background

The CSS property to change the background color of an element to YIQ 99.0930, -14.1640, -18.6440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 115, 83) }
```

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

```
.background{ background-color: rgb(74, 115,  
83) }
```

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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