

Converting Colors

YIQ(112.5420, 29.9880,
-14.8440)

Have a look what the booklet for
YIQ(112.5420, 29.9880, -14.8440)
contains.

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Color

**YIQ(112.5420, 29.9880,
-14.8440)**

Conversions

Conversions Part 1

Format	Color
Hex	847236
RGB	132, 114, 54
RGB Percent	52%, 45%, 21%
CMY	0.4823, 0.5530, 0.7881
CMYK	0.00, 0.14, 0.59, 0.48
HSL	46°, 42%, 36%
HSV	46°, 59%, 52%
XYZ	16.1992, 17.2053, 5.9624
YIQ	112.5420, 29.9880, -14.8440

Conversions

Conversions Part 2

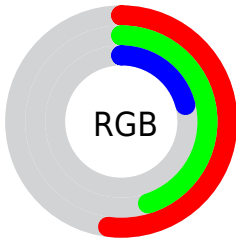
Format	Color
R_{YB}	77, 132, 54
Decimal	8679990
CIE Lab	48.52, -0.87, 35.29
CIE LCh	49, 35.300, 91.420
Yxy	17.2053, 0.4115, 0.4370
Android (android.graphics.Color)	4286870070 (0xFF847236)
YUV	112.5420, -28.8612, 17.0647
Hunter-Lab	41.4792, -2.8776, 20.5129

Details

The YIQ color **112.5420, 29.9880, -14.8440** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **73.4580, -29.9880, 14.8440**, and the grayscale version is **113.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **165.0970, 32.7390, -15.1410**, and **63.2320, 27.9250, -16.0030** is the 20% darker color. If you saturate the color by 10%, you get **109.2990, 34.9860, -17.3180**, and if you desaturate by 10%, it is **115.7850, 24.9900, -12.3700**.

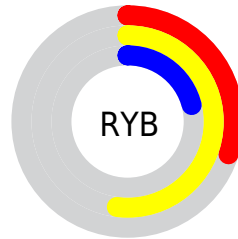
Distribution



Red (52%)

Green (45%)

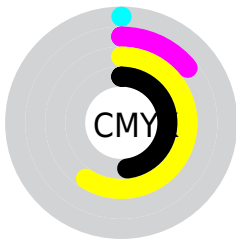
Blue (21%)



Red (30%)

Yellow (52%)

Blue (21%)

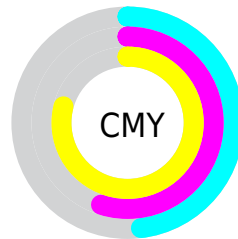


Cyan (0%)

Magenta (14%)

Yellow (59%)

Black (48%)



Cyan (48%)

Magenta (55%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 112.5420, 29.9880, -14.8440 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 112.5420, 29.9880, -14.8440 by changing the saturation by 10% instead.

■ 112.5420, 29.9880,
-14.8440

■ 112.5420, 29.9880,
-14.8440

■ 255.0000, -0.0000,
-0.0000

■ 88.0580, 28.4750,
-14.9570

■ 165.0970, 32.7390,
-15.1410

■ 63.3460, 27.6040,
-15.6920

■ 192.1680, 33.9770,
-15.5510

■ 42.5720, 21.2760,
-11.1400

■ 220.6520, 35.4900,
-15.4380

■ 23.3570, 11.8760,
-5.9800

■ 243.1560, 25.0830,
-19.5650

■ 0.0000, 0.0000,
0.0000

■ 249.8700, 14.4450,
-13.9950

■ 253.0620, 5.4570,

-5.2870

■ 112.5420, 29.9880,
-14.8440

■ 112.5420, 29.9880,
-14.8440

■ 109.2990, 34.9860,
-17.3180

■ 115.7850, 24.9900,
-12.3700

■ 106.0560, 39.9840,
-19.7920

■ 119.0280, 19.9920,
-9.8960

■ 102.6990, 45.3030,
-22.5770

■ 122.3850, 14.6730,
-7.1110

■ 99.4560, 50.3010,
-25.0510

■ 125.6280, 9.6750,
-4.6370

■ 99.3420, 50.6220,
-25.3620

■ 128.8710, 4.6770,
-2.1630

■ 132.1140, -0.3210,
0.3110

■ 135.3570, -5.3190,
2.7850

■ 138.7140,
-10.6380, 5.5700

■ 141.9570,
-15.6360, 8.0440

Harmonies

Analogous

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



114.2870, 44.4280, -1.2040



112.5420, 29.9880, -14.8440



109.5820, 6.1480, -23.3240

Triad

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



112.5420, 29.9880, -14.8440



92.8400, -82.2950, -22.8950



118.5150, 18.5640, 27.0120

Complementary

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



112.5420, 29.9880, -14.8440



73.4580, -29.9880, 14.8440

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.



117.3140, -11.7870, 20.8930



112.5420, 29.9880, -14.8440



93.0000, -88.2570, -13.9610

Square

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



112.5420, 29.9880, -14.8440



90.1210, -73.2610, -32.4370



109.5480, -48.0970, 7.1270



117.3570, 39.3800, 24.2120

Rectangle

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



112.5420, 29.9880, -14.8440



106.3500, -13.7500, -26.1500



109.5480, -48.0970, 7.1270



118.6110, 9.4860, 26.3340

Sweetspot

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



112.5420, 29.9880, -14.8440



163.3570, 11.8760, -5.9800



79.3740, 40.7100, 22.1340



81.8990, 7.4740, -3.2940



214.0000, -0.0000, 0.0000



87.0000, -0.0000, -0.0000

Same Dimension

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



112.5420, 29.9880, -14.8440



140.7700, 46.5410, -22.9870



116.8290, 12.5220, -28.7100



64.7290, 2.2010, -1.3430



97.5700, 49.9800, -24.7400



2.0710, 1.2380, -0.4100

Inverse Universe

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



73.4580, -29.9880, 14.8440



80.2300, -46.5410, 22.9870



69.1710, -12.5220, 28.7100



61.2710, -2.2010, 1.3430



32.4300, -49.9800, 24.7400



0.9290, -1.2380, 0.4100

Previews

White Background



This preview shows how the YIQ color 112.5420, 29.9880, -14.8440 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 112.5420, 29.9880, -14.8440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

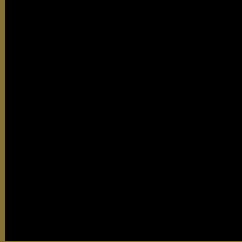
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 112.5420, 29.9880, -14.8440

Background



This preview shows how black text looks on a background with the YIQ color 112.5420, 29.9880, -14.8440.



This preview shows how white text looks on a background with the YIQ color 112.5420, 29.9880,

-14.8440.

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

112.5420, 29.9880, -14.8440

Protanopia

112.0470, 27.0080, -15.9040

Deuteranopia

113.2980, 36.7270, -10.3210



Tritanopia

116.9960, 14.9910, 9.1590

Trichromacy



Original Color

112.5420, 29.9880, -14.8440

Protanomaly

112.3460, 27.6040, -15.6920

Deuteranomaly

112.6890, 34.0680, -11.6920

Tritanomaly

115.5370, 20.3570, 0.0130

Monochromacy



Original Color

112.5420, 29.9880, -14.8440

Achromatopsia

113.0000, -0.0000, 0.0000

Achromatomaly

112.6990, 10.9130, -5.0470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 112.5420, 29.9880, -14.8440 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(132, 114, 54)` looks like.

```
.text, #text, p{  
    color:rgb(132, 114, 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(132, 114, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 114, 54) }
```

Border

The CSS property to change the border of an element to YIQ 112.5420, 29.9880, -14.8440 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(132, 114, 54) }
```


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

```
.border{ border-color:rgb(132, 114, 54) }
```

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

Here you see how a box with a 4 pixel rgb(132, 114, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 114, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 114, 54);  
box-shadow:4px 4px 4px 4px rgb(132, 114,  
54) }
```

Background

The CSS property to change the background color of an element to YIQ 112.5420, 29.9880, -14.8440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 114, 54) }
```

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

```
.background{ background-color: rgb(132,  
114, 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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