

Converting Colors

YIQ(69.1260, 16.6000, -14.5040)

Have a look what the booklet for
YIQ(69.1260, 16.6000, -14.5040)
contains.

YIQ(69.1260, 16.6000, -14.5040)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(69.1260, 16.6000,
-14.5040)**

Conversions

Conversions Part 1

Format	Color
Hex	4C4A1A
RGB	76, 74, 26
RGB Percent	30%, 29%, 10%
CMY	0.7020, 0.7098, 0.8979
CMYK	0.00, 0.03, 0.66, 0.70
HSL	58°, 49%, 20%
HSV	58°, 66%, 30%
XYZ	5.6154, 6.5084, 1.9391
YIQ	69.1260, 16.6000, -14.5040

Conversions

Conversions Part 2

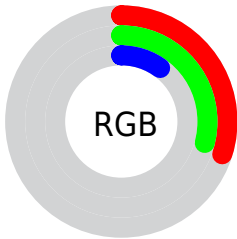
Format	Color
R_{YB}	28, 76, 26
Decimal	4999706
CIE Lab	30.66, -6.38, 28.22
CIE LCh	31, 28.933, 102.747
Yxy	6.5084, 0.3993, 0.4628
Android (android.graphics.Color)	4283189786 (0xFF4C4A1A)
YUV	69.1260, -21.2611, 6.0285
Hunter-Lab	25.5115, -5.3547, 13.3515




Details

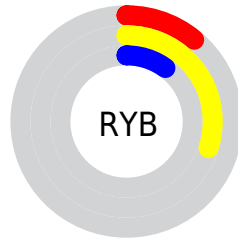
The YIQ color **69.1260, 16.6000, -14.5040** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **32.8740, -16.6000, 14.5040**, and the grayscale version is **69.0000, -0.0000, -0.0000**.


A 20% lighter version of the original color is **117.7950, 19.0300, -14.4900**, and **27.1670, 9.3550, -9.8530** is the 20% darker color. If you saturate the color by 10%, you get **68.2140, 19.1680, -16.9920**, and if you desaturate by 10%, it is **70.0380, 14.0320, -12.0160**.

Distribution







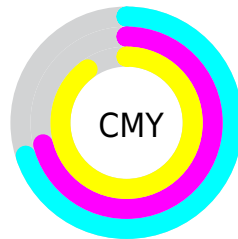
-  Red (30%)
-  Green (29%)
-  Blue (10%)






-  Red (11%)
-  Yellow (30%)
-  Blue (10%)



-  Cyan (0%)
-  Magenta (3%)
-  Yellow (66%)
-  Black (70%)



-  Cyan (70%)
-  Magenta (71%)
-  Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 69.1260, 16.6000, -14.5040 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 69.1260, 16.6000, -14.5040 by changing the saturation by 10% instead.

■ 69.1260, 16.6000,
-14.5040

■ 69.1260, 16.6000,
-14.5040

■ 255.0000, -0.0000,
-0.0000

■ 46.3000, 16.0500,
-15.5500

■ 117.7950, 19.0300,
-14.4900

■ 27.1670, 9.3550,
-9.8530

■ 143.5670, 19.6720,
-15.1120

■ 2.9350, -1.3750,
-2.6150

■ 170.3390, 20.3140,
-15.7340

■ 0.0000, 0.0000,
0.0000

■ 197.5240, 21.2310,
-15.8330

■ 225.7090, 22.1480,
-15.9320

■ 248.9580, 17.0130,

-16.4830

■ 252.1500, 8.0250,
-7.7750

■ 69.1260, 16.6000,
-14.5040

■ 69.1260, 16.6000,
-14.5040

■ 68.2140, 19.1680,
-16.9920

■ 70.0380, 14.0320,
-12.0160

■ 66.8290, 21.6900,
-18.6460

■ 71.4230, 11.5100,
-10.3620

■ 65.9170, 24.2580,
-21.1340

■ 72.3350, 8.9420,
-7.8740

■ 65.5750, 25.2210,
-22.0670

■ 73.1330, 6.6950,
-5.6970

■ 74.6320, 3.8520,
-3.7320

■ 75.5440, 1.2840,
-1.2440

■ 76.3420, -0.9630,
0.9330

■ 77.2540, -3.5310,
3.4210

■ 78.6390, -6.0530,
5.0750

Harmonies

Analogous

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



70.6380, 30.0780, -5.4580



69.1260, 16.6000, -14.5040



66.5410, -3.8020, -19.2100

Triad

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



69.1260, 16.6000, -14.5040



59.7620, -55.2920, -11.1640



74.0820, 21.0410, 20.6650

Complementary

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



69.1260, 16.6000, -14.5040



32.8740, -16.6000, 14.5040

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.



74.0780, 0.5010, 18.4610



69.1260, 16.6000, -14.5040



58.8960, -58.3650, -5.0290

Square

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



69.1260, 16.6000, -14.5040



58.5420, -49.1010, -18.7410



70.1500, -26.3650, 9.7550



72.3790, 33.1460, 16.0420

Rectangle

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



69.1260, 16.6000, -14.5040



62.6190, -21.6370, -20.8770



70.1500, -26.3650, 9.7550



74.5590, 15.2640, 20.7360

Sweetspot

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



69.1260, 16.6000, -14.5040



96.8340, 6.0990, -5.9090



41.2920, 28.8370, 11.5330



49.6320, 3.8520, -3.7320



179.0000, -0.0000, -0.0000



51.0000, -0.0000, -0.0000

Same Dimension

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



69.1260, 16.6000, -14.5040



88.3470, 25.8630, -22.6890



63.7220, 2.9380, -20.2140



37.5440, 1.2840, -1.2440



88.0240, 33.8420, -29.6300



197.9100, 76.5800, -66.3000

Inverse Universe

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



32.8740, -16.6000, 14.5040



31.6530, -25.8630, 22.6890



38.5770, -2.3420, 20.4260



35.0430, -1.5590, 0.7210



13.9760, -33.8420, 29.6300



31.5030, -76.3050, 66.8230

Previews

White Background



This preview shows how the YIQ color 69.1260, 16.6000, -14.5040 looks on a white background.

Color Contrast Check

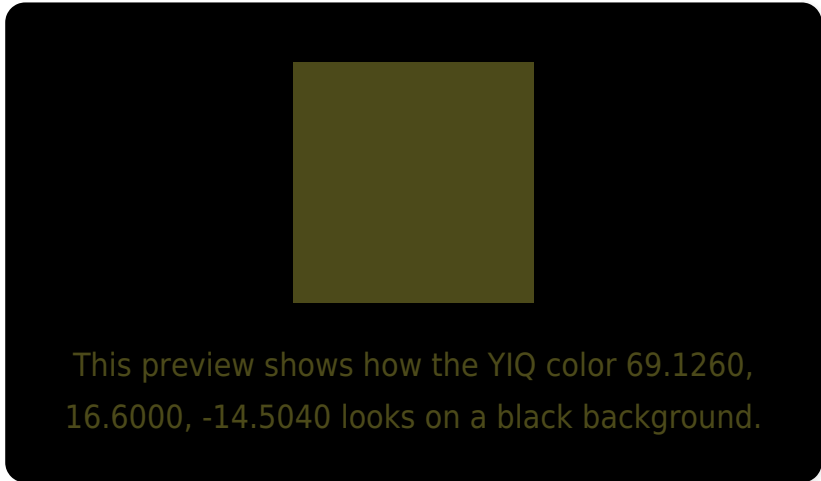
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

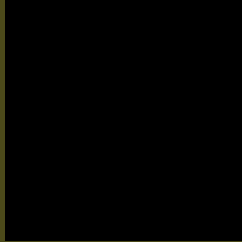
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 69.1260, 16.6000, -14.5040

Background



This preview shows how black text looks on a background with the YIQ color 69.1260, 16.6000, -14.5040.



This preview shows how white text looks on a background with the YIQ color 69.1260, 16.6000, -14.5040.

-14.5040.

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

69.1260, 16.6000, -14.5040

Protanopia

69.4470, 20.1300, -12.3980

Deuteranopia

70.6050, 25.6770, -8.2990



Tritanopia

72.9730, 4.6300, 4.1980

Trichromacy



Original Color

69.1260, 16.6000, -14.5040

Protanomaly

69.4360, 18.6630, -13.3450

Deuteranomaly

70.1700, 22.4680, -10.7160

Tritanomaly

71.7960, 9.2620, -2.6580

Monochromacy



Original Color

69.1260, 16.6000, -14.5040

Achromatopsia

69.0000, -0.0000, -0.0000

Achromatomaly

69.2470, 6.3740, -5.3860

CSS Examples

Text

The CSS property to change the color of the text to YIQ 69.1260, 16.6000, -14.5040 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(76, 74, 26)` looks like.

```
.text, #text, p{  
    color:rgb(76, 74, 26)  
}
```

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(76, 74, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 74, 26) }
```

Border

The CSS property to change the border of an element to YIQ 69.1260, 16.6000, -14.5040 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(76, 74, 26) }
```


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

```
.border{ border-color:rgb(76, 74, 26) }
```

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

Here you see how a box with a 4 pixel rgb(76, 74, 26) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 74, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 74, 26);  
box-shadow:4px 4px 4px 4px rgb(76, 74, 26)  
}
```

Background

The CSS property to change the background color of an element to YIQ 69.1260, 16.6000, -14.5040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 74, 26) }
```

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

```
.background{ background-color: rgb(76, 74,  
26) }
```

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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