

Converting Colors

YIQ(149.6090, 63.4120,
-14.8600)

Have a look what the booklet for
YIQ(149.6090, 63.4120, -14.8600)
contains.

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Color

**YIQ(149.6090, 63.4120,
-14.8600)**

Conversions

Conversions Part 1

Format	Color
Hex	C98E36
RGB	201, 142, 54
RGB Percent	79%, 56%, 21%
CMY	0.2117, 0.4432, 0.7879
CMYK	0.00, 0.29, 0.73, 0.21
HSL	36°, 58%, 50%
HSV	36°, 73%, 79%
XYZ	34.4303, 32.0262, 7.8671
YIQ	149.6090, 63.4120, -14.8600

Conversions

Conversions Part 2

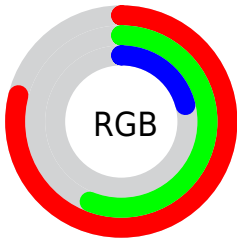
Format	Color
RYB	153, 201, 54
Decimal	13209142
CIELab	63.36, 14.34, 53.53
CIElCh	63, 55.422, 75.006
Yxy	32.0262, 0.4632, 0.4309
Android (android.graphics.Color)	4291399222 (0xFFC98E36)
YUV	149.6090, -47.1352, 45.0699
Hunter-Lab	56.5917, 9.5637, 31.3720

Details

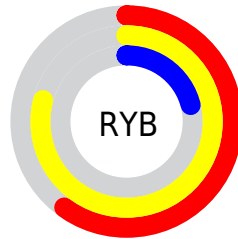
The YIQ color **149.6090, 63.4120, -14.8600** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark muted orange. A complement of this color would be **105.3910, -63.4120, 14.8600**, and the grayscale version is **150.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **203.3810, 64.0540, -15.4820**, and **96.4620, 59.3320, -18.0120** is the 20% darker color. If you saturate the color by 10%, you get **142.6330, 72.0320, -16.8960**, and if you desaturate by 10%, it is **156.5850, 54.7920, -12.8240**.

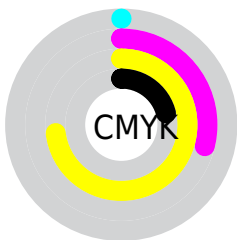
Distribution



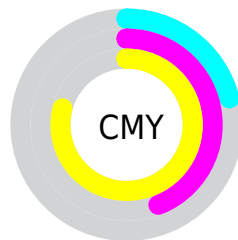
- Red (79%)
- Green (56%)
- Blue (21%)



- Red (60%)
- Yellow (79%)
- Blue (21%)



- Cyan (0%)
- Magenta (29%)
- Yellow (73%)
- Black (21%)



- Cyan (21%)
- Magenta (44%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 149.6090, 63.4120, -14.8600 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 149.6090, 63.4120, -14.8600 by changing the saturation by 10% instead.

■ 149.6090, 63.4120,
-14.8600

■ 149.6090, 63.4120,
-14.8600

■ 255.0000, -0.0000,
-0.0000

■ 122.2990, 61.3490,
-16.0190

■ 203.3810, 64.0540,
-15.4820

■ 96.4620, 59.3320,
-18.0120

■ 222.1940, 48.2830,
-21.5170

■ 74.0020, 49.2440,
-11.3960

■ 242.2950, 31.6410,
-28.2870

■ 52.7160, 38.6060,
-5.8260

■ 247.2480, 21.8280,
-21.1480

■ 32.3160, 28.2890,
-0.5670

■ 250.4400, 12.8400,
-12.4400

■ 11.0520, 20.5850,
6.8970

■ 253.7460, 3.5310,

■ 0.0000, 0.0000,

-3.4210

0.0000

■ 149.6090, 63.4120,
-14.8600

■ 149.6090, 63.4120,
-14.8600

■ 142.6330, 72.0320,
-16.8960

■ 156.5850, 54.7920,
-12.8240

■ 135.6570, 80.6520,
-18.9320

■ 163.5610, 46.1720,
-10.7880

■ 130.5390, 86.7960,
-20.1480

■ 170.5370, 37.5520,
-8.7520

■ 177.5130, 28.9320,
-6.7160

■ 184.6030, 19.9910,
-4.3690

■ 191.5790, 11.3710,
-2.3330

■ 199.1420, 2.4760,
-0.8200

■ 206.1180, -6.1440,
1.2160

■ 213.0940,
-14.7640, 3.2520

Harmonies

Analogous

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



151.3730, 76.8410, 11.6010



149.6090, 63.4120, -14.8600



146.0900, 33.4760, -34.0120

Triad

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



149.6090, 63.4120, -14.8600



124.6640, -105.7670, -38.0470



158.0580, 4.3940, 41.5300

Complementary

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



149.6090, 63.4120, -14.8600



105.3910, -63.4120, 14.8600

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.



149.3260, -55.6190, 22.3090



149.6090, 63.4120, -14.8600



128.0330, -119.3870, -22.4830

Square

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



149.6090, 63.4120, -14.8600



117.6760, -88.8460, -52.8620



125.7140, -125.2580, -9.6900



155.9200, 48.8210, 45.8530

Rectangle

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



149.6090, 63.4120, -14.8600



141.9600, 4.3630, -40.5410



125.7140, -125.2580, -9.6900



157.1420, -13.5780, 36.8380

Sweetspot

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



149.6090, 63.4120, -14.8600



235.1150, 24.3010, -5.3870



104.9070, 68.0310, 50.1350



115.9060, 14.7640, -3.2520



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



149.6090, 63.4120, -14.8600



176.6340, 96.6540, -22.5940



180.6540, 40.0350, -48.2610



95.6260, 3.9890, -0.7070



106.2630, 70.1980, -16.6980



23.0910, 15.6810, -3.3510

Inverse Universe

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



105.3910, -63.4120, 14.8600



109.3660, -96.6540, 22.5940



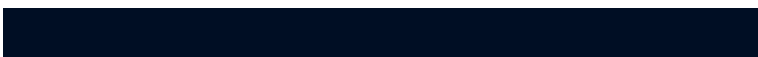
74.3460, -40.0350, 48.2610



93.3740, -3.9890, 0.7070



57.3240, -70.4730, 16.1750



12.3220, -15.4060, 3.8740

Previews

White Background



This preview shows how the YIQ color 149.6090, 63.4120, -14.8600 looks on a white background.

Color Contrast Check

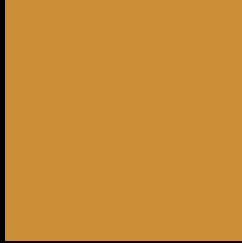
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 149.6090, 63.4120, -14.8600 looks on a black 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

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

YIQ 149.6090, 63.4120, -14.8600

Background



This preview shows how black text looks on a background with the YIQ color 149.6090, 63.4120, -14.8600.



This preview shows how white text looks on a background with the YIQ color 149.6090, 63.4120, -14.8600.

-14.8600.

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

149.6090, 63.4120, -14.8600

Protanopia

148.3240, 41.8650, -26.3510

Deuteranopia

149.1520, 57.2690, -19.1710



Tritanopia

156.2660, 40.8940, 18.7980

Trichromacy



Original Color

149.6090, 63.4120, -14.8600

Protanomaly

149.1510, 49.8420, -22.2380

Deuteranomaly

149.4620, 59.3320, -18.0120

Tritanomaly

153.7810, 49.1490, 6.8530

Monochromacy



Original Color

149.6090, 63.4120, -14.8600

Achromatopsia

150.0000, -0.0000, -0.0000

Achromatomaly

149.9300, 23.3840, -5.2880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 149.6090, 63.4120, -14.8600 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(201, 142, 54)` looks like.

```
.text, #text, p{  
    color:rgb(201, 142, 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(201, 142, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 142, 54) }
```

Border

The CSS property to change the border of an element to YIQ 149.6090, 63.4120, -14.8600 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(201, 142, 54) }
```


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

```
.border{ border-color:rgb(201, 142, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 142, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 142, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 142, 54);  
box-shadow:4px 4px 4px 4px rgb(201, 142,  
54) }
```

Background

The CSS property to change the background color of an element to YIQ 149.6090, 63.4120, -14.8600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 142, 54) }
```

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

```
.background{ background-color: rgb(201,  
142, 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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