

Converting Colors

YIQ(149.6140, 56.9890, 7.9410)

Have a look what the booklet for
YIQ(149.6140, 56.9890, 7.9410)
contains.

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Color

**YIQ(149.6140, 56.9890,
7.9410)**

Conversions

Conversions Part 1

Format	Color
Hex	D18164
RGB	209, 129, 100
RGB Percent	82%, 51%, 39%
CMY	0.1802, 0.4942, 0.6076
CMYK	0.00, 0.38, 0.52, 0.18
HSL	16°, 54%, 61%
HSV	16°, 52%, 82%
XYZ	36.4561, 30.1747, 15.9755
YIQ	149.6140, 56.9890, 7.9410

Conversions

Conversions Part 2

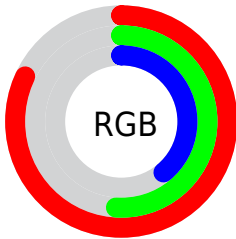
Format	Color
R _Y B	209, 140, 100
Decimal	13730148
CIE Lab	61.80, 27.92, 28.66
CIE LCh	62, 40.011, 45.749
Yxy	30.1747, 0.4413, 0.3653
Android (android.graphics.Color)	4291920228 (0xFFD18164)
YUV	149.6140, -24.4597, 52.0815
Hunter-Lab	54.9315, 22.3340, 21.2089

Details

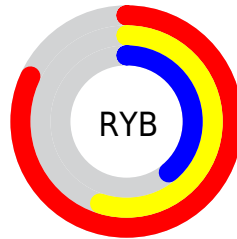
The YIQ color **149.6140, 56.9890, 7.9410** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **159.3860, -56.9890, -7.9410**, and the grayscale version is **150.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **200.8800, 53.1840, 5.3120**, and **97.5640, 51.2580, 7.1780** is the 20% darker color. If you saturate the color by 10%, you get **138.4150, 67.8550, 9.2550**, and if you desaturate by 10%, it is **160.8130, 46.1230, 6.6270**.

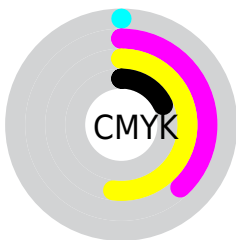
Distribution



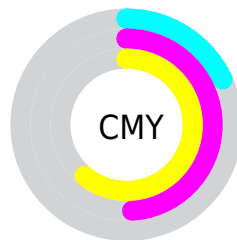
- Red (82%)
- Green (51%)
- Blue (39%)



- Red (82%)
- Yellow (55%)
- Blue (39%)



- Cyan (0%)
- Magenta (38%)
- Yellow (52%)
- Black (18%)





- Cyan (18%)
- Magenta (49%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 149.6140, 56.9890, 7.9410 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 149.6140, 56.9890, 7.9410 by changing the saturation by 10% instead.


 149.6140, 56.9890,
7.9410


 149.6140, 56.9890,
7.9410


255.0000, -0.0000,
-0.0000


 122.9450, 54.5590,
7.9270


 200.8800, 53.1840,
5.3120


 97.5640, 51.2580,
7.1780


 219.8070, 37.0920,
-0.4120


 72.5960, 48.2320,
6.9520

 240.0220, 20.1290,
-6.8710

 47.5140, 45.5270,
6.4150

 252.6060, 6.7410,
-6.5310

 24.4410, 38.6030,
10.7550

 13.1560, 26.2240,
9.3280

 0.0000, 0.0000,

0.0000

■ 149.6140, 56.9890,
7.9410

■ 149.6140, 56.9890,
7.9410

■ 138.4150, 67.8550,
9.2550

■ 160.8130, 46.1230,
6.6270

■ 126.6290, 78.9960,
11.0920

■ 172.5990, 34.9820,
4.7900

■ 115.4300, 89.8620,
12.4060

■ 183.7980, 24.1160,
3.4760

■ 104.2310,
100.7280, 13.7200

■ 194.9970, 13.2500,
2.1620

■ 94.7760, 109.4390,
15.5430

■ 206.7830, 2.1090,
0.3250

■ 217.8680, -8.4360,
-1.3000

■ 229.0670,
-19.3020, -2.6140

■ 239.4850,
-26.5910, -8.1830

■ 241.2460,
-27.4160, -9.7520

Harmonies

Analogous

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



150.9580, 53.6850, 23.7730



149.6140, 56.9890, 7.9410



147.5010, 46.4010, -9.4310

Triad

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



149.6140, 56.9890, 7.9410



131.5010, -51.0240, -33.4560



148.1140, -34.7110, 17.8410

Complementary

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



149.6140, 56.9890, 7.9410



159.3860, -56.9890, -7.9410

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.



133.3310, -81.5190, -3.9110



149.6140, 56.9890, 7.9410



117.6540, -99.8070, -35.9270

Square

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



149.6140, 56.9890, 7.9410



140.0530, -8.6600, -30.2920



119.5410, -109.2540, -24.4060



153.3810, 4.4420, 29.6420

Rectangle

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



149.6140, 56.9890, 7.9410



145.5760, 32.6480, -19.0000



119.5410, -109.2540, -24.4060



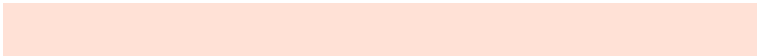
145.1120, -49.5650, 11.7070

Sweetspot

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



149.6140, 56.9890, 7.9410



232.7160, 21.4110, 2.9390



141.9390, 38.6420, 48.6100



114.5840, 12.9750, 1.6390



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.



149.6140, 56.9890, 7.9410



167.3800, 84.1310, 11.6430



180.7250, 42.4140, -19.7780



99.0500, 5.7310, 0.7630



76.6470, 87.7530, 12.0810



18.7160, 21.4110, 2.9390

Inverse Universe

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



159.3860, -56.9890, -7.9410



181.6200, -84.1310, -11.6430



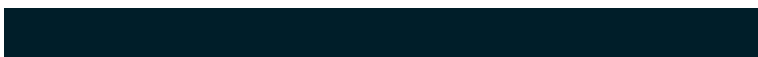
128.2750, -42.4140, 19.7780



99.9500, -5.7310, -0.7630



91.9400, -88.0280, -12.6040



22.2840, -21.4110, -2.9390

Previews

White Background



This preview shows how the YIQ color 149.6140, 56.9890, 7.9410 looks on a white background.

Color Contrast Check

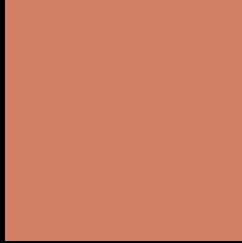
Large Text (above 18pt) WCAG AA × Fail

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 149.6140, 56.9890, 7.9410 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 149.6140, 56.9890, 7.9410

Background



This preview shows how black text looks on a background with the YIQ color 149.6140, 56.9890, 7.9410.



This preview shows how white text looks on a background with the YIQ color 149.6140, 56.9890,

7.9410.

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

149.6140, 56.9890, 7.9410

Protanopia

148.6150, 19.7170, -10.4190

Deuteranopia

148.8190, 36.8180, -6.4620



Tritanopia

151.4520, 49.2380, 21.7660

Trichromacy



Original Color

149.6140, 56.9890, 7.9410

Protanomaly

148.6600, 33.0120, -3.5640

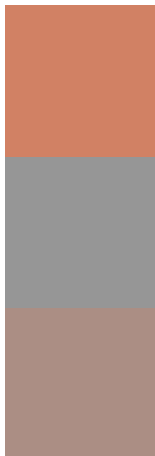
Deuteranomaly

149.2870, 44.4280, -1.2040

Tritanomaly

150.9590, 51.9440, 16.7760

Monochromacy



Original Color

149.6140, 56.9890, 7.9410

Achromatopsia

150.0000, -0.0000, -0.0000

Achromatomaly

149.5310, 20.4940, 3.0380

CSS Examples

Text

The CSS property to change the color of the text to YIQ 149.6140, 56.9890, 7.9410 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(209, 129, 100)` looks like.

```
.text, #text, p{  
    color:rgb(209, 129, 100)  
}
```

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(209, 129, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 129, 100) }
```

Border

The CSS property to change the border of an element to YIQ 149.6140, 56.9890, 7.9410 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(209, 129, 100) }
```


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

```
.border{ border-color:rgb(209, 129, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 129, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 129, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 129, 100);  
box-shadow:4px 4px 4px 4px rgb(209, 129,  
100) }
```

Background

The CSS property to change the background color of an element to YIQ 149.6140, 56.9890, 7.9410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 129, 100) }
```

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

```
.background{ background-color: rgb(209,  
129, 100) }
```

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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