

Converting Colors

YIQ(149.4730, 8.0730, -19.6630)

Have a look what the booklet for
YIQ(149.4730, 8.0730, -19.6630)
contains.

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Color

**YIQ(149.4730, 8.0730,
-19.6630)**

Conversions

Conversions Part 1

Format	Color
Hex	91A06B
RGB	145, 160, 107
RGB Percent	57%, 63%, 42%
CMY	0.4314, 0.3725, 0.5803
CMYK	0.09, 0.00, 0.33, 0.37
HSL	77°, 22%, 52%
HSV	77°, 33%, 63%
XYZ	26.9007, 32.2238, 18.7171
YIQ	149.4730, 8.0730, -19.6630

Conversions

Conversions Part 2

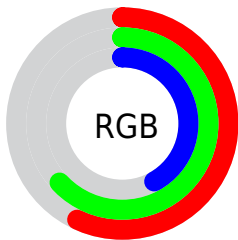
Format	Color
RYB	107, 160, 122
Decimal	9543787
CIELab	63.53, -14.51, 25.91
CIELCh	64, 29.698, 119.248
Yxy	32.2238, 0.3456, 0.4140
Android (android.graphics.Color)	4287733867 (0xFF91A06B)
YUV	149.4730, -20.9392, -3.9228
Hunter-Lab	56.7660, -14.7518, 20.1870

Details

The YIQ color **149.4730, 8.0730, -19.6630** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **117.5270, -8.0730, 19.6630**, and the grayscale version is **150.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **203.8320, 8.4400, -20.8080**, and **98.8150, 7.1100, -18.7300** is the 20% darker color. If you saturate the color by 10%, you get **146.1540, 10.2290, -25.6990**, and if you desaturate by 10%, it is **152.7920, 5.9170, -13.6270**.

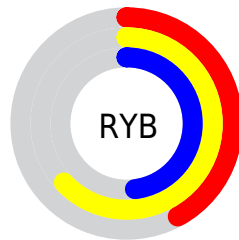
Distribution



Red (57%)

Green (63%)

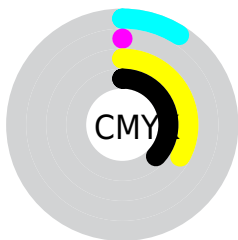
Blue (42%)



Red (42%)

Yellow (63%)

Blue (48%)

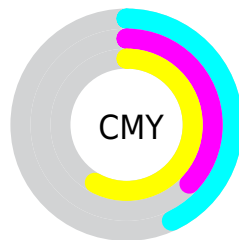


Cyan (9%)

Magenta (0%)

Yellow (33%)

Black (37%)



Cyan (43%)

Magenta (37%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 149.4730, 8.0730, -19.6630 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 149.4730, 8.0730, -19.6630 by changing the saturation by 10% instead.


 149.4730, 8.0730,
-19.6630


 149.4730, 8.0730,
-19.6630


255.0000, -0.0000,
-0.0000


 123.5870, 7.7520,
-19.3520


 203.8320, 8.4400,
-20.8080


 98.8150, 7.1100,
-18.7300


 232.0170, 9.3570,
-20.9070


 74.0430, 6.4680,
-18.1080

 250.3260, 13.1610,
-12.7510

 51.1570, 6.1470,
-17.7970

 253.5180, 4.1730,
-4.0430

 30.3680, 4.1750,
-15.0970

 11.7400, -5.5000,
-10.4600

 0.0000, 0.0000,

0.0000

■ 149.4730, 8.0730,
-19.6630

■ 149.4730, 8.0730,
-19.6630

■ 146.1540, 10.2290,
-25.6990

■ 152.7920, 5.9170,
-13.6270

■ 143.1340, 12.9810,
-31.5230

■ 155.8120, 3.1650,
-7.8030

■ 139.8150, 15.1370,
-37.5590

■ 159.1310, 1.0090,
-1.7670

■ 136.7950, 17.8890,
-43.3830

■ 162.1510, -1.7430,
4.0570

■ 133.4760, 20.0450,
-49.4190

■ 165.4700, -3.8990,
10.0930

■ 130.4560, 22.7970,
-55.2430

■ 168.4900, -6.6510,
15.9170

■ 128.3050, 24.5400,
-59.3000

■ 171.8090, -8.8070,
21.9530

■ 174.8290,
-11.5590, 27.7770

■ 178.1480,
-13.7150, 33.8130

Harmonies

Analogous

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



152.4650, 28.8870, -11.4090



149.4730, 8.0730, -19.6630



145.8920, -18.1520, -23.4640

Triad

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



149.4730, 8.0730, -19.6630



142.5750, -61.8950, -7.1350



157.4380, 34.6580, 21.6820

Complementary

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



149.4730, 8.0730, -19.6630



117.5270, -8.0730, 19.6630

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.



158.1400, 15.1260, 23.2380



149.4730, 8.0730, -19.6630



150.6260, -39.5690, 6.7590

Square

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



149.4730, 8.0730, -19.6630



138.4570, -64.9190, -18.4150



155.7330, -11.6490, 18.3910



156.1320, 43.9670, 12.6630

Rectangle

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



149.4730, 8.0730, -19.6630



142.7250, -36.6750, -23.6750



155.7330, -11.6490, 18.3910



157.7410, 29.4310, 22.7990

Sweetspot

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



149.4730, 8.0730, -19.6630



204.8120, 3.1650, -7.8030



131.6520, 27.4630, 3.3910



102.3220, 1.7890, -4.8910



232.0000, -0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



149.4730, 8.0730, -19.6630



192.2480, 12.6600, -31.2120



141.6990, -7.4230, -25.1750



77.4900, 1.3760, -2.9120



114.4390, 21.4670, -53.1650



12.0940, 2.4310, -5.5130

Inverse Universe

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



117.5270, -8.0730, 19.6630



141.7520, -12.6600, 31.2120



125.6000, 8.0190, 25.3870



72.5100, -1.3760, 2.9120



28.2620, -22.0630, 52.9530



2.9060, -2.4310, 5.5130

Previews

White Background



This preview shows how the YIQ color 149.4730, 8.0730, -19.6630 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 149.4730, 8.0730, -19.6630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

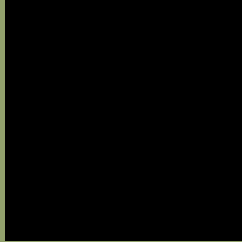
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 149.4730, 8.0730, -19.6630

Background



This preview shows how black text looks on a background with the YIQ color 149.4730, 8.0730, -19.6630.



This preview shows how white text looks on a background with the YIQ color 149.4730, 8.0730,

-19.6630.

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

149.4730, 8.0730, -19.6630

Protanopia

151.8880, 23.2020, -13.0060

Deuteranopia

153.2470, 32.7370, -4.0870



Tritanopia

154.3680, -3.8520, 3.7320

Trichromacy



Original Color

149.4730, 8.0730, -19.6630

Protanomaly

150.7840, 17.5630, -15.4370

Deuteranomaly

152.1810, 23.9350, -9.7690

Tritanomaly

152.8380, 0.2760, -5.0040

Monochromacy



Original Color

149.4730, 8.0730, -19.6630

Achromatopsia

149.0000, 0.0000, -0.0000

Achromatomaly

149.3390, 3.1190, -6.9690

CSS Examples

Text

The CSS property to change the color of the text to YIQ 149.4730, 8.0730, -19.6630 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(145, 160, 107)` looks like.

```
.text, #text, p{  
    color:rgb(145, 160, 107)  
}
```

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(145, 160, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 160, 107) }
```

Border

The CSS property to change the border of an element to YIQ 149.4730, 8.0730, -19.6630 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(145, 160, 107) }
```


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

```
.border{ border-color:rgb(145, 160, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 160, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 160, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 160, 107);  
box-shadow:4px 4px 4px 4px rgb(145, 160,  
107) }
```

Background

The CSS property to change the background color of an element to YIQ 149.4730, 8.0730, -19.6630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 160, 107) }
```

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

```
.background{ background-color: rgb(145,  
160, 107) }
```

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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