

Converting Colors

YIQ(149.9480, 41.3090, 5.7650)

Have a look what the booklet for
YIQ(149.9480, 41.3090, 5.7650)
contains.

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Color

**YIQ(149.9480, 41.3090,
5.7650)**

Conversions

Conversions Part 1

Format	Color
Hex	C18772
RGB	193, 135, 114
RGB Percent	76%, 53%, 45%
CMY	0.2430, 0.4707, 0.5528
CMYK	0.00, 0.30, 0.41, 0.24
HSL	16°, 39%, 60%
HSV	16°, 41%, 76%
XYZ	33.7009, 29.8787, 19.9242
YIQ	149.9480, 41.3090, 5.7650

Conversions

Conversions Part 2

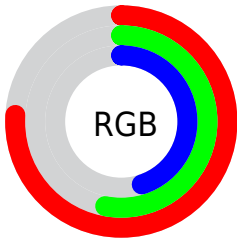
Format	Color
R_{YB}	193, 143, 114
Decimal	12683122
CIE _{Lab}	61.55, 19.63, 20.16
CIE _{LCh}	62, 28.137, 45.767
Yxy	29.8787, 0.4036, 0.3578
Android (android.graphics.Color)	4290873202 (0xFFC18772)
YUV	149.9480, -17.7224, 37.7566
Hunter-Lab	54.6614, 14.3946, 16.6516

Details

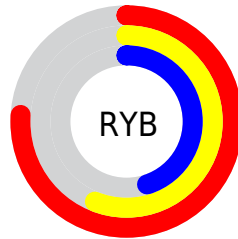
The YIQ color **149.9480, 41.3090, 5.7650** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **157.0520, -41.3090, -5.7650**, and the grayscale version is **150.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **204.9160, 44.3350, 5.9910**, and **98.3820, 37.0910, 5.1150** is the 20% darker color. If you saturate the color by 10%, you get **139.5640, 51.2580, 7.1780**, and if you desaturate by 10%, it is **160.3320, 31.3600, 4.3520**.

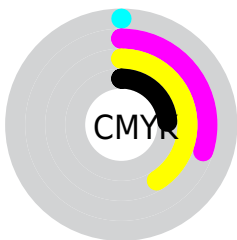
Distribution



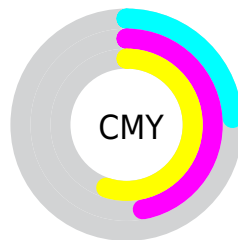
- Red (76%)
- Green (53%)
- Blue (45%)



- Red (76%)
- Yellow (56%)
- Blue (45%)



- Cyan (0%)
- Magenta (30%)
- Yellow (41%)
- Black (24%)





- Cyan (24%)
- Magenta (47%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 149.9480, 41.3090, 5.7650 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 149.9480, 41.3090, 5.7650 by changing the saturation by 10% instead.


 149.9480, 41.3090,
5.7650


 149.9480, 41.3090,
5.7650


255.0000, -0.0000,
-0.0000


 123.4640, 39.7960,
5.6520


 204.3290, 44.6100,
6.5140


 98.3820, 37.0910,
5.1150


 225.0390, 30.6270,
1.1150


 73.7130, 34.6610,
5.1010

 245.2540, 13.6640,
-5.3440

 50.6310, 31.9560,
4.5640

 254.4300, 1.6050,
-1.5550

 27.9190, 31.0850,
3.8290

 11.0630, 22.0520,
7.8440

 0.0000, 0.0000,

0.0000

■ 149.9480, 41.3090,
5.7650

■ 149.9480, 41.3090,
5.7650

■ 139.5640, 51.2580,
7.1780

■ 160.3320, 31.3600,
4.3520

■ 129.0660, 61.5280,
8.2800

■ 170.8300, 21.0900,
3.2500

■ 118.0950, 71.7520,
10.2160

■ 181.8010, 10.8660,
1.3140

■ 107.7110, 81.7010,
11.6290

■ 192.1850, 0.9170,
-0.0990

■ 97.3270, 91.6500,
13.0420

■ 202.6830, -9.3530,
-1.2010

■ 87.6440, 101.0030,
14.2430

■ 213.0670,
-19.3020, -2.6140

■ 223.4510,
-29.2510, -4.0270

■ 232.3530,
-35.0270, -9.4830

■ 236.4620,
-36.9520, -13.1440

Harmonies

Analogous

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



151.0160, 38.6020, 16.2820



149.9480, 41.3090, 5.7650



148.3780, 33.7460, -5.8540

Triad

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



149.9480, 41.3090, 5.7650



138.4160, -31.3110, -21.7670



148.4110, -22.6060, 13.2180

Complementary

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



149.9480, 41.3090, 5.7650



157.0520, -41.3090, -5.7650

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.



142.6310, -47.1330, 0.6670



149.9480, 41.3090, 5.7650



134.6770, -53.9150, -19.6030

Square

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



149.9480, 41.3090, 5.7650



143.0030, -5.2230, -20.9910



135.7120, -61.0230, -11.9270



152.2140, 3.1140, 20.6660

Rectangle

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



149.9480, 41.3090, 5.7650



146.8880, 23.2020, -13.0060



135.7120, -61.0230, -11.9270



146.8120, -31.2250, 9.7270

Sweetspot

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



149.9480, 41.3090, 5.7650



233.6660, 15.6800, 2.1760



144.3470, 28.1450, 35.0970



115.3170, 9.3530, 1.2010



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



149.9480, 41.3090, 5.7650



183.1480, 64.2330, 8.8170



172.2540, 30.8590, -14.1090



91.7510, 5.1350, 0.5510



73.3800, 84.1310, 11.6430



15.1500, 17.1930, 2.2890

Inverse Universe

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



157.0520, -41.3090, -5.7650



193.8520, -64.2330, -8.8170



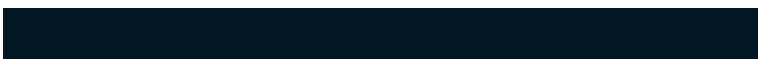
134.7460, -30.8590, 14.1090



92.2490, -5.1350, -0.5510



87.6200, -84.1310, -11.6430



17.8500, -17.1930, -2.2890

Previews

White Background



This preview shows how the YIQ color 149.9480, 41.3090, 5.7650 looks on a white background.

Color Contrast Check

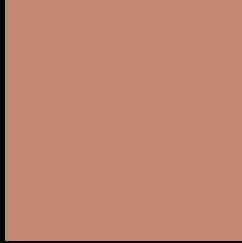
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 149.9480, 41.3090, 5.7650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

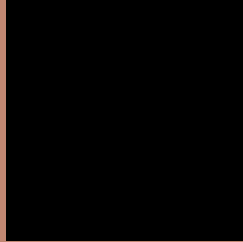
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 149.9480, 41.3090, 5.7650

Background



This preview shows how black text looks on a background with the YIQ color 149.9480, 41.3090, 5.7650.



This preview shows how white text looks on a background with the YIQ color 149.9480, 41.3090,

5.7650.

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

149.9480, 41.3090, 5.7650

Protanopia

148.3850, 14.6730, -7.1110

Deuteranopia

149.1480, 28.7020, -2.5460



Tritanopia

151.5750, 35.5300, 16.8900

Trichromacy



Original Color

149.9480, 41.3090, 5.7650

Protanomaly

149.1090, 24.4380, -2.3620

Deuteranomaly

149.4800, 33.6990, 0.5070

Tritanomaly

150.7230, 37.8690, 13.0450

Monochromacy



Original Color

149.9480, 41.3090, 5.7650

Achromatopsia

150.0000, -0.0000, -0.0000

Achromatomaly

150.3670, 15.0840, 1.9640

CSS Examples

Text

The CSS property to change the color of the text to YIQ 149.9480, 41.3090, 5.7650 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(193, 135, 114)` looks like.

```
.text, #text, p{  
    color:rgb(193, 135, 114)  
}
```

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(193, 135, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 135, 114) }
```

Border

The CSS property to change the border of an element to YIQ 149.9480, 41.3090, 5.7650 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(193, 135, 114) }
```


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

```
.border{ border-color:rgb(193, 135, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 135, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 135, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 135, 114);  
box-shadow:4px 4px 4px 4px rgb(193, 135,  
114) }
```

Background

The CSS property to change the background color of an element to YIQ 149.9480, 41.3090, 5.7650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 135, 114) }
```

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

```
.background{ background-color: rgb(193,  
135, 114) }
```

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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