

Converting Colors

YIQ(149.2410, 42.0420, 9.0020)

Have a look what the booklet for
YIQ(149.2410, 42.0420, 9.0020)
contains.

YIQ(149.2410, 42.0420, 9.0020)	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(149.2410, 42.0420,
9.0020)**

Conversions

Conversions Part 1

Format	Color
Hex	C38476
RGB	195, 132, 118
RGB Percent	76%, 52%, 46%
CMY	0.2352, 0.4824, 0.5371
CMYK	0.00, 0.32, 0.39, 0.24
HSL	11°, 39%, 61%
HSV	11°, 39%, 76%
XYZ	34.0354, 29.4113, 21.0368
YIQ	149.2410, 42.0420, 9.0020

Conversions

Conversions Part 2

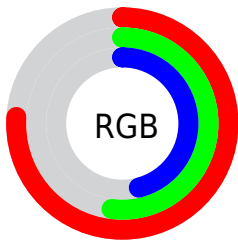
Format	Color
RYB	195, 135, 118
Decimal	12813430
CIELab	61.14, 22.55, 17.38
CIELCh	61, 28.470, 37.634
Yxy	29.4113, 0.4029, 0.3481
Android (android.graphics.Color)	4291003510 (0xFFC38476)
YUV	149.2410, -15.4018, 40.1306
Hunter-Lab	54.2322, 17.1177, 14.9639

Details

The YIQ color **149.2410, 42.0420, 9.0020** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **163.7590, -42.0420, -9.0020**, and the grayscale version is **149.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **203.6220, 45.3430, 9.7510**, and **97.6750, 37.8240, 8.3520** is the 20% darker color. If you saturate the color by 10%, you get **137.6830, 52.5410, 11.4610**, and if you desaturate by 10%, it is **160.9130, 31.2220, 6.8540**.

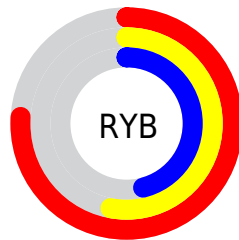
Distribution



Red (76%)

Green (52%)

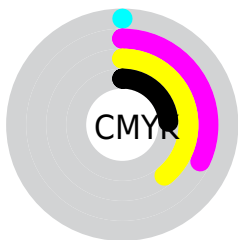
Blue (46%)



Red (76%)

Yellow (53%)

Blue (46%)

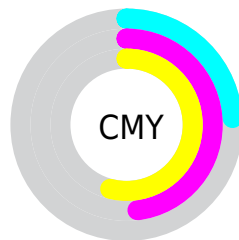


Cyan (0%)

Magenta (32%)

Yellow (39%)

Black (24%)



Cyan (24%)


Magenta (48%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 149.2410, 42.0420, 9.0020 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 149.2410, 42.0420, 9.0020 by changing the saturation by 10% instead.


 149.2410, 42.0420,
9.0020


 149.2410, 42.0420,
9.0020


255.0000, -0.0000,
-0.0000


 122.7570, 40.5290,
8.8890


 203.6220, 45.3430,
9.7510

 97.6750, 37.8240,
8.3520


 223.8480, 29.8470,
4.2390


 72.8920, 35.7150,
8.0270

 244.0630, 12.8840,
-2.2200

 49.8100, 33.0100,
7.4900

254.8860, 0.3210,
-0.3110

 25.8700, 32.7810,
6.1330

 11.3620, 22.6480,
8.0560

 0.0000, 0.0000,

0.0000

■ 149.2410, 42.0420,
9.0020

■ 149.2410, 42.0420,
9.0020

■ 137.6830, 52.5410,
11.4610

■ 160.9130, 31.2220,
6.8540

■ 126.0110, 63.3610,
13.6090

■ 172.4710, 20.7230,
4.3950

■ 114.4530, 73.8600,
16.0680

■ 184.1430, 9.9030,
2.2470

■ 102.7810, 84.6800,
18.2160

■ 195.7010, -0.5960,
-0.2120

■ 91.2230, 95.1790,
20.6750

■ 207.3730,
-11.4160, -2.3600

■ 79.5510, 105.9990,
22.8230

■ 218.9310,
-21.9150, -4.8190

■ 78.8500, 106.5950,
23.0350

■ 230.6030,
-32.7350, -6.9670

■ 237.0600,
-35.7600, -12.7200

Harmonies

Analogous

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



150.8140, 36.3550, 18.4590



149.2410, 42.0420, 9.0020



147.9270, 36.6340, -3.1260

Triad

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



149.2410, 42.0420, 9.0020



138.7110, -24.8920, -22.4600



146.4100, -30.0330, 10.1510

Complementary

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



149.2410, 42.0420, 9.0020



163.7590, -42.0420, -9.0020

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.



138.7010, -53.3220, -2.8100



149.2410, 42.0420, 9.0020



134.0750, -49.2840, -20.9320

Square

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



149.2410, 42.0420, 9.0020



142.3520, 1.1040, -20.0160



133.2340, -62.6730, -15.0650



150.4520, -3.4880, 19.1680

Rectangle

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



149.2410, 42.0420, 9.0020



146.1060, 28.5200, -10.2640



133.2340, -62.6730, -15.0650



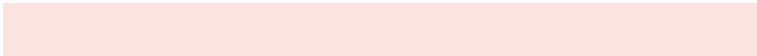
144.2840, -38.6060, 5.8260

Sweetspot

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



149.2410, 42.0420, 9.0020



234.4920, 16.2300, 3.2220



148.3190, 25.3480, 36.2280



117.1430, 9.9030, 2.2470



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.



149.2410, 42.0420, 9.0020



181.6090, 64.5530, 14.0330



170.9600, 31.8670, -10.3490



91.1640, 5.4100, 1.0740



65.1620, 87.9810, 18.9650



13.3890, 18.0180, 3.8580

Inverse Universe

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



163.7590, -42.0420, -9.0020



204.3910, -64.5530, -14.0330



142.0400, -31.8670, 10.3490



92.8360, -5.4100, -1.0740



95.8380, -87.9810, -18.9650



19.6110, -18.0180, -3.8580

Previews

White Background



This preview shows how the YIQ color 149.2410, 42.0420, 9.0020 looks on a white background.

Color Contrast Check

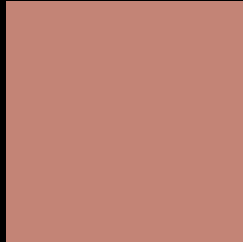
Large Text (above 18pt) WCAG AA ✓ Pass

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 149.2410, 42.0420, 9.0020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

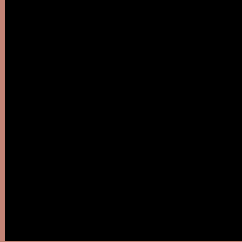
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 149.2410, 42.0420, 9.0020

Background



This preview shows how black text looks on a background with the YIQ color 149.2410, 42.0420, 9.0020.



This preview shows how white text looks on a background with the YIQ color 149.2410, 42.0420,

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

149.2410, 42.0420, 9.0020

Protanopia

147.8840, 11.8300, -5.1460

Deuteranopia

148.3050, 26.8220, -1.5140



Tritanopia

150.4720, 37.3180, 17.5260

Trichromacy



Original Color

149.2410, 42.0420, 9.0020

Protanomaly

148.2060, 22.7870, 0.0270

Deuteranomaly

148.4630, 32.3690, 2.5850

Tritanomaly

149.8480, 39.0150, 14.3030

Monochromacy



Original Color

149.2410, 42.0420, 9.0020

Achromatopsia

149.0000, 0.0000, -0.0000

Achromatomaly

149.3070, 15.3130, 3.3210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 149.2410, 42.0420, 9.0020 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(195, 132, 118)` looks like.

```
.text, #text, p{  
    color:rgb(195, 132, 118)  
}
```

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(195, 132, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 132, 118) }
```

Border

The CSS property to change the border of an element to YIQ 149.2410, 42.0420, 9.0020 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(195, 132, 118) }
```


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

```
.border{ border-color:rgb(195, 132, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 132, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 132, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 132, 118);  
box-shadow:4px 4px 4px 4px rgb(195, 132,  
118) }
```

Background

The CSS property to change the background color of an element to YIQ 149.2410, 42.0420, 9.0020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 132, 118) }
```

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

```
.background{ background-color: rgb(195,  
132, 118) }
```

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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