

Converting Colors

YIQ(168.2410, 42.0420, 9.0020)

Have a look what the booklet for
YIQ(168.2410, 42.0420, 9.0020)
contains.

YIQ(168.2410, 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(168.2410, 42.0420,
9.0020)**

Conversions

Conversions Part 1

Format	Color
Hex	D69789
RGB	214, 151, 137
RGB Percent	84%, 59%, 54%
CMY	0.1606, 0.4079, 0.4626
CMYK	0.00, 0.29, 0.36, 0.16
HSL	11°, 48%, 69%
HSV	11°, 36%, 84%
XYZ	43.3230, 38.2337, 28.7804
YIQ	168.2410, 42.0420, 9.0020

Conversions

Conversions Part 2

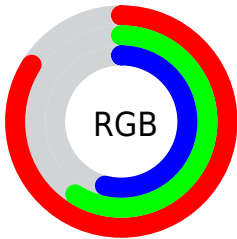
Format	Color
R _Y B	214, 154, 137
Decimal	14063497
CIE Lab	68.19, 21.90, 16.81
CIE LCh	68, 27.603, 37.506
Yxy	38.2337, 0.3926, 0.3465
Android (android.graphics.Color)	4292253577 (0xFFD69789)
YUV	168.2410, -15.4018, 40.1306
Hunter-Lab	61.8334, 16.8560, 15.6868

Details

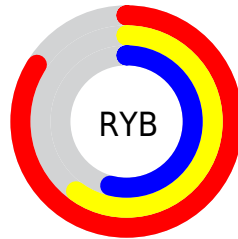
The YIQ color **168.2410, 42.0420, 9.0020** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **182.7590, -42.0420, -9.0020**, and the grayscale version is **168.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **218.8270, 34.3400, 5.4120**, and **115.5610, 38.1450, 8.0410** is the 20% darker color. If you saturate the color by 10%, you get **155.2810, 53.7330, 11.8850**, and if you desaturate by 10%, it is **181.2010, 30.3510, 6.1190**.

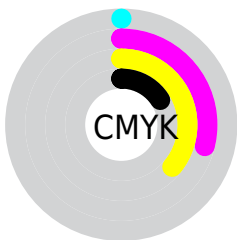
Distribution



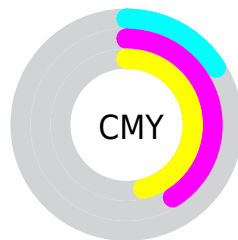
- Red (84%)
- Green (59%)
- Blue (54%)



- Red (84%)
- Yellow (60%)
- Blue (54%)



- Cyan (0%)
- Magenta (29%)
- Yellow (36%)
- Black (16%)



- Cyan (16%)
- Magenta (41%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 168.2410, 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 168.2410, 42.0420, 9.0020 by changing the saturation by 10% instead.

■ 168.2410, 42.0420,
9.0020

■ 168.2410, 42.0420,
9.0020

255.0000, -0.0000,
-0.0000

■ 141.4580, 39.9330,
8.6770

■ 218.8270, 34.3400,
5.4120

■ 115.5610, 38.1450,
8.0410

■ 238.4550, 17.6520,
-0.5240

■ 90.1910, 36.3110,
8.2390

■ 254.0880, 2.5680,
-2.4880

■ 66.1090, 33.6060,
7.7020

■ 43.0270, 30.9010,
7.1650

■ 19.9560, 29.6630,
7.5750

■ 8.1870, 15.7710,

6.0350

0.0000, 0.0000,
0.0000

168.2410, 42.0420,
9.0020

168.2410, 42.0420,
9.0020

155.2810, 53.7330,
11.8850

181.2010, 30.3510,
6.1190

142.7940, 65.4700,
13.9340

193.6880, 18.6140,
4.0700

129.8340, 77.1610,
16.8170

206.6480, 6.9230,
1.1870

117.3470, 88.8980,
18.8660

219.1350, -4.8140,
-0.8620

104.3870,
100.5890, 21.7490

232.0950,
-16.5050, -3.7450

■ 92.0140, 112.0050,
24.1090

■ 242.7410,
-24.4360, -8.6920

■ 86.8790, 116.8190,
24.9710

Harmonies

Analogous

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



169.8140, 36.3550, 18.4590



168.2410, 42.0420, 9.0020



166.3400, 36.9090, -2.6030

Triad

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



168.2410, 42.0420, 9.0020



158.1950, -23.3790, -22.3470



165.0080, -28.8410, 10.5750

Complementary

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



168.2410, 42.0420, 9.0020



182.7590, -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.



158.8970, -50.9380, -1.9620



168.2410, 42.0420, 9.0020



154.2710, -46.9000, -20.0840

Square

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



168.2410, 42.0420, 9.0020



161.3520, 1.1040, -20.0160



154.0280, -59.0970, -13.7930



169.4520, -3.4880, 19.1680

Rectangle

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



168.2410, 42.0420, 9.0020



165.2200, 28.1990, -9.9530



154.0280, -59.0970, -13.7930



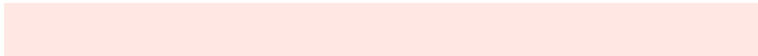
162.9960, -37.7350, 6.5610

Sweetspot

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



168.2410, 42.0420, 9.0020



238.3070, 15.3130, 3.3210



167.3190, 25.3480, 36.2280



117.8440, 9.3070, 2.0350



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.



168.2410, 42.0420, 9.0020



189.6300, 60.0600, 12.8600



189.9600, 31.8670, -10.3490



100.4630, 6.0060, 1.2860



69.3260, 93.3910, 20.0390



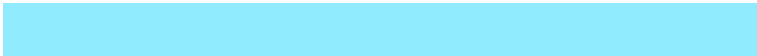
17.5530, 23.4280, 4.9320

Inverse Universe

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



182.7590, -42.0420, -9.0020



210.3700, -60.0600, -12.8600



161.0400, -31.8670, 10.3490



102.5370, -6.0060, -1.2860



101.6740, -93.3910, -20.0390



26.0340, -23.7030, -5.4550

Previews

White Background



This preview shows how the YIQ color 168.2410, 42.0420, 9.0020 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 168.2410, 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 ✓ Pass

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

YIQ 168.2410, 42.0420, 9.0020

Background



This preview shows how black text looks on a background with the YIQ color 168.2410, 42.0420, 9.0020.



This preview shows how white text looks on a background with the YIQ color 168.2410, 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

168.2410, 42.0420, 9.0020

Protanopia

166.2970, 12.1050, -4.6230

Deuteranopia

167.0170, 27.6930, -0.7790



Tritanopia

169.5860, 36.9970, 17.8370

Trichromacy



Original Color

168.2410, 42.0420, 9.0020

Protanomaly

167.2060, 22.7870, 0.0270

Deuteranomaly

167.7620, 32.9650, 2.7970

Tritanomaly

168.9620, 38.6940, 14.6140

Monochromacy



Original Color

168.2410, 42.0420, 9.0020

Achromatopsia

168.0000, -0.0000, -0.0000

Achromatomaly

168.3070, 15.3130, 3.3210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 168.2410, 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(214, 151, 137)` looks like.

```
.text, #text, p{  
    color:rgb(214, 151, 137)  
}
```

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(214, 151, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 151, 137) }
```

Border

The CSS property to change the border of an element to YIQ 168.2410, 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(214, 151, 137) }
```


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

```
.border{ border-color:rgb(214, 151, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 151, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 151, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 151, 137);  
box-shadow:4px 4px 4px 4px rgb(214, 151,  
137) }
```

Background

The CSS property to change the background color of an element to YIQ 168.2410, 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(214, 151, 137) }
```

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

```
.background{ background-color: rgb(214,  
151, 137) }
```

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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