

Converting Colors

YIQ(164.2840, 40.4830, 9.7230)

Have a look what the booklet for
YIQ(164.2840, 40.4830, 9.7230)
contains.

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Color

**YIQ(164.2840, 40.4830,
9.7230)**

Conversions

Conversions Part 1

Format	Color
Hex	D19388
RGB	209, 147, 136
RGB Percent	82%, 58%, 53%
CMY	0.1803, 0.4236, 0.4665
CMYK	0.00, 0.30, 0.35, 0.18
HSL	9°, 44%, 68%
HSV	9°, 35%, 82%
XYZ	41.1813, 36.1987, 28.1252
YIQ	164.2840, 40.4830, 9.7230

Conversions

Conversions Part 2

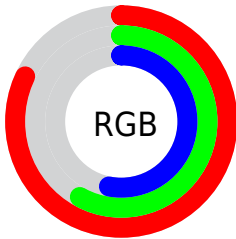
Format	Color
R _{YB}	209, 149, 136
Decimal	13734792
CIE Lab	66.67, 22.00, 15.16
CIE LCh	67, 26.724, 34.573
Yxy	36.1987, 0.3903, 0.3431
Android (android.graphics.Color)	4291924872 (0xFFD19388)
YUV	164.2840, -13.9440, 39.2159
Hunter-Lab	60.1653, 16.8884, 14.3997

Details

The YIQ color **164.2840, 40.4830, 9.7230** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **180.7160, -40.4830, -9.7230**, and the grayscale version is **164.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **215.7780, 36.0360, 7.7160**, and **111.9030, 37.1820, 8.9740** is the 20% darker color. If you saturate the color by 10%, you get **151.3240, 52.1740, 12.6060**, and if you desaturate by 10%, it is **177.2440, 28.7920, 6.8400**.

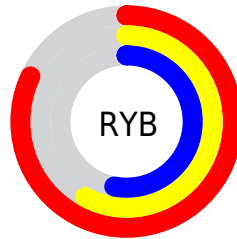
Distribution



Red (82%)

Green (58%)

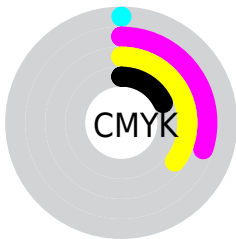
Blue (53%)



Red (82%)

Yellow (58%)

Blue (53%)

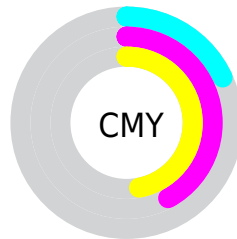


Cyan (0%)

Magenta (30%)

Yellow (35%)

Black (18%)



Cyan (18%)


Magenta (42%)


Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 164.2840, 40.4830, 9.7230 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 164.2840, 40.4830, 9.7230 by changing the saturation by 10% instead.


 164.2840, 40.4830,
9.7230


 164.2840, 40.4830,
9.7230


255.0000, -0.0000,
-0.0000

 137.8000, 38.9700,
9.6100


 215.7780, 36.0360,
7.7160


 111.9030, 37.1820,
8.9740


 235.9930, 19.0730,
1.2570

 87.1200, 35.0730,
8.6490

 253.9740, 2.8890,
-2.7990

 63.0380, 32.3680,
8.1120

 39.4830, 29.6170,
8.4090

 16.9990, 28.1040,
8.2960

 5.3820, 10.7280,

3.8160

■ 0.0000, 0.0000,
0.0000

■ 164.2840, 40.4830,
9.7230

■ 164.2840, 40.4830,
9.7230

■ 151.3240, 52.1740,
12.6060

■ 177.2440, 28.7920,
6.8400

■ 138.3640, 63.8650,
15.4890

■ 190.2040, 17.1010,
3.9570

■ 125.9910, 75.2810,
17.8490

■ 202.5770, 5.6850,
1.5970

■ 113.0310, 86.9720,
20.7320

■ 215.5370, -6.0060,
-1.2860

■ 100.1850, 98.3420,
23.9260

■ 228.4970,
-17.6970, -4.1690

■ 87.2250, 110.0330,
26.8090

■ 240.6590,
-27.1410, -9.2290

■ 80.6880, 116.0390,
28.0950

■ 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.



165.1450, 33.9250, 18.4450



164.2840, 40.4830, 9.7230



162.8670, 36.8630, -1.7690

Triad

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



164.2840, 40.4830, 9.7230



154.6900, -20.3990, -21.2870



160.5840, -30.5830, 9.1050

Complementary

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



164.2840, 40.4830, 9.7230



180.7160, -40.4830, -9.7230

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.



154.5550, -49.9750, -2.8950



164.2840, 40.4830, 9.7230



151.4240, -42.9570, -19.9570

Square

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



164.2840, 40.4830, 9.7230



157.9610, 3.7630, -18.6450



149.9960, -56.0710, -13.5670



165.1420, -5.5510, 18.0090

Rectangle

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



164.2840, 40.4830, 9.7230



161.4590, 29.0240, -8.3840



149.9960, -56.0710, -13.5670



158.7570, -38.5600, 4.9920

Sweetspot

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



164.2840, 40.4830, 9.7230



239.2360, 14.0750, 3.7310



165.0090, 23.2850, 35.0690



117.9580, 8.9860, 2.3460



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.



164.2840, 40.4830, 9.7230



189.3850, 59.3720, 14.3160



184.8290, 30.8580, -8.5820



98.4630, 6.0060, 1.2860



64.9070, 93.2530, 22.5410



15.7810, 22.7860, 5.5540

Inverse Universe

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



180.7160, -40.4830, -9.7230



213.6150, -59.3720, -14.3160



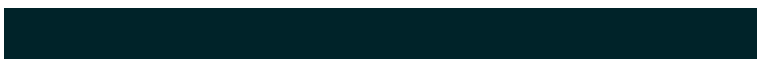
160.1710, -30.8580, 8.5820



100.5370, -6.0060, -1.2860



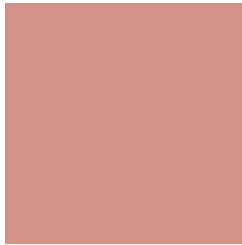
103.0930, -93.2530, -22.5410



25.2190, -22.7860, -5.5540

Previews

White Background



This preview shows how the YIQ color 164.2840, 40.4830, 9.7230 looks on a white background.

Color Contrast Check

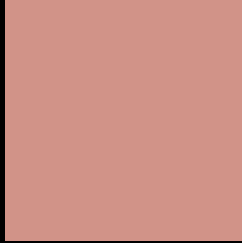
Large Text (above 18pt) WCAG AA × Fail

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 164.2840, 40.4830, 9.7230 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 164.2840, 40.4830, 9.7230

Background



This preview shows how black text looks on a background with the YIQ color 164.2840, 40.4830, 9.7230.



This preview shows how white text looks on a background with the YIQ color 164.2840, 40.4830,

9.7230.

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

164.2840, 40.4830, 9.7230

Protanopia

162.3400, 10.5460, -3.9020

Deuteranopia

163.0600, 26.1340, -0.0580



Tritanopia

165.2870, 36.4010, 17.6250

Trichromacy



Original Color

164.2840, 40.4830, 9.7230

Protanomaly

163.2490, 21.2280, 0.7480

Deuteranomaly

163.8050, 31.4060, 3.5180

Tritanomaly

164.7770, 37.7770, 14.7130

Monochromacy



Original Color

164.2840, 40.4830, 9.7230

Achromatopsia

164.0000, 0.0000, -0.0000

Achromatomaly

164.1220, 14.3960, 3.4200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 164.2840, 40.4830, 9.7230 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, 147, 136)` looks like.

```
.text, #text, p{  
    color:rgb(209, 147, 136)  
}
```

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, 147, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 147, 136) }
```

Border

The CSS property to change the border of an element to YIQ 164.2840, 40.4830, 9.7230 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, 147, 136) }
```


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

```
.border{ border-color:rgb(209, 147, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 147, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 147, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 147, 136);  
box-shadow:4px 4px 4px 4px rgb(209, 147,  
136) }
```

Background

The CSS property to change the background color of an element to YIQ 164.2840, 40.4830, 9.7230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 147, 136) }
```

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

```
.background{ background-color: rgb(209,  
147, 136) }
```

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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