

Converting Colors

YIQ(109.0410, 45.4810, 7.2490)

Have a look what the booklet for
YIQ(109.0410, 45.4810, 7.2490)
contains.

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Color

**YIQ(109.0410, 45.4810,
7.2490)**

Conversions

Conversions Part 1

Format	Color
Hex	9D5C47
RGB	157, 92, 71
RGB Percent	62%, 36%, 28%
CMY	0.3842, 0.6393, 0.7214
CMYK	0.00, 0.41, 0.55, 0.38
HSL	15°, 38%, 45%
HSV	15°, 55%, 62%
XYZ	18.8754, 15.2769, 7.9236
YIQ	109.0410, 45.4810, 7.2490

Conversions

Conversions Part 2

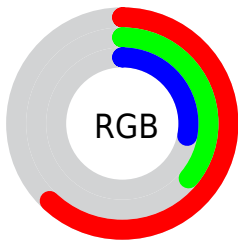
Format	Color
R_{YB}	157, 99, 71
Decimal	10312775
CIE Lab	46.01, 24.42, 23.42
CIE LCh	46, 33.836, 43.793
Yxy	15.2769, 0.4486, 0.3631
Android (android.graphics.Color)	4288502855 (0xFF9D5C47)
YUV	109.0410, -18.7542, 42.0600
Hunter-Lab	39.0856, 17.8021, 15.3405

Details

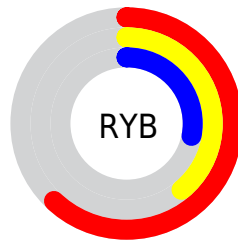
The YIQ color **109.0410, 45.4810, 7.2490** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **118.9590, -45.4810, -7.2490**, and the grayscale version is **109.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **161.6070, 49.6990, 7.8990**, and **59.9910, 39.7500, 6.4860** is the 20% darker color. If you saturate the color by 10%, you get **100.1730, 53.9170, 8.5490**, and if you desaturate by 10%, it is **117.9090, 37.0450, 5.9490**.

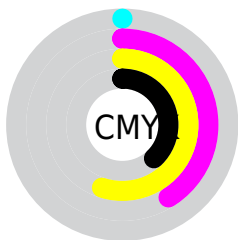
Distribution



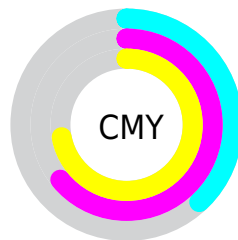
- Red (62%)
- Green (36%)
- Blue (28%)



- Red (62%)
- Yellow (39%)
- Blue (28%)



- Cyan (0%)
- Magenta (41%)
- Yellow (55%)
- Black (38%)



- Cyan (38%)
- Magenta (64%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 109.0410, 45.4810, 7.2490 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 109.0410, 45.4810, 7.2490 by changing the saturation by 10% instead.

■ 109.0410, 45.4810,
7.2490

■ 109.0410, 45.4810,
7.2490

■ 255.0000, -0.0000,
-0.0000

■ 83.9590, 42.7760,
6.7120

■ 161.6070, 49.6990,
7.8990

■ 59.9910, 39.7500,
6.4860

■ 189.3900, 51.8080,
8.2240

■ 35.8660, 38.6040,
5.2280

■ 211.4920, 42.5930,
4.5210

■ 14.9500, 29.8000,
10.6000

■ 231.1200, 25.9050,
-1.4150

■ 5.0830, 10.1320,
3.6040

■ 251.3350, 8.9420,
-7.8740

■ 0.0000, 0.0000,
0.0000

■ 109.0410, 45.4810,
7.2490

■ 109.0410, 45.4810,
7.2490

■ 100.1730, 53.9170,
8.5490

■ 117.9090, 37.0450,
5.9490

■ 91.4190, 62.0320,
10.1600

■ 126.6630, 28.9300,
4.3380

■ 82.5510, 70.4680,
11.4600

■ 135.5310, 20.4940,
3.0380

■ 73.6830, 78.9040,
12.7600

■ 144.3990, 12.0580,
1.7380

■ 69.2490, 83.1220,
13.4100

■ 152.6800, 3.8970,
0.9610

■ 161.4340, -4.2180,
-0.6500

■ 170.3020,
-12.6540, -1.9500

■ 179.1700,

-21.0900, -3.2500

■ 187.9240,
-29.2050, -4.8610

Harmonies

Analogous

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



110.2770, 42.3610, 19.7450



109.0410, 45.4810, 7.2490



107.5910, 37.4600, -7.0840

Triad

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



109.0410, 45.4810, 7.2490



94.6490, -39.5170, -27.2370



107.5180, -30.2170, 13.4870

Complementary

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



109.0410, 45.4810, 7.2490



118.9590, -45.4810, -7.2490

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.



90.2620, -77.0710, -7.4310



109.0410, 45.4810, 7.2490



86.6960, -73.2620, -26.9100

Square

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



109.0410, 45.4810, 7.2490



102.0090, -5.3600, -24.0160



88.3720, -80.7370, -18.0890



112.3110, 1.4630, 23.0550

Rectangle

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



109.0410, 45.4810, 7.2490



106.5740, 26.9620, -15.0700



88.3720, -80.7370, -18.0890



104.5980, -42.3660, 7.8900

Sweetspot

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



109.0410, 45.4810, 7.2490



185.5630, 17.4680, 2.8120



104.2380, 30.0700, 38.7580



91.0290, 10.2240, 1.9360



230.0000, -0.0000, 0.0000



102.0000, -0.0000, -0.0000

Same Dimension

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



109.0410, 45.4810, 7.2490



128.7360, 71.3850, 11.3610



133.6950, 33.9310, -14.7170



74.5660, 4.2180, 0.6500



63.3020, 75.6030, 12.0110



6.8330, 7.8400, 1.0880

Inverse Universe

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



118.9590, -45.4810, -7.2490



144.2640, -71.3850, -11.3610



94.3050, -33.9310, 14.7170



75.4340, -4.2180, -0.6500



79.6980, -75.6030, -12.0110



8.7540, -8.1150, -1.6110

Previews

White Background



This preview shows how the YIQ color 109.0410, 45.4810, 7.2490 looks on a white 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

Black Background



This preview shows how the YIQ color 109.0410, 45.4810, 7.2490 looks on a black 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

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

YIQ 109.0410, 45.4810, 7.2490

Background



This preview shows how black text looks on a background with the YIQ color 109.0410, 45.4810, 7.2490.



This preview shows how white text looks on a background with the YIQ color 109.0410, 45.4810,

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

109.0410, 45.4810, 7.2490

Protanopia

108.1570, 15.3150, -7.7330

Deuteranopia

108.9690, 27.6480, -5.4720



Tritanopia

110.6140, 39.7940, 16.7060

Trichromacy



Original Color

109.0410, 45.4810, 7.2490

Protanomaly

108.4790, 26.2720, -2.5600

Deuteranomaly

108.8390, 34.0660, -0.6380

Tritanomaly

109.8760, 41.8120, 13.1720

Monochromacy



Original Color

109.0410, 45.4810, 7.2490

Achromatopsia

109.0000, -0.0000, 0.0000

Achromatomaly

108.9650, 16.2760, 2.3880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 109.0410, 45.4810, 7.2490 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(157, 92, 71)` looks like.

```
.text, #text, p{  
    color:rgb(157, 92, 71)  
}
```

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(157, 92, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 92, 71) }
```

Border

The CSS property to change the border of an element to YIQ 109.0410, 45.4810, 7.2490 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(157, 92, 71) }
```


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

```
.border{ border-color:rgb(157, 92, 71) }
```

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

Here you see how a box with a 4 pixel rgb(157, 92, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 92, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 92, 71);  
box-shadow:4px 4px 4px 4px rgb(157, 92,  
71) }
```

Background

The CSS property to change the background color of an element to YIQ 109.0410, 45.4810, 7.2490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 92, 71) }
```

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

```
.background{ background-color: rgb(157, 92,  
71) }
```

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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