

Converting Colors

YIQ(119.4110, 47.3150, 7.0510)

Have a look what the booklet for
YIQ(119.4110, 47.3150, 7.0510)
contains.

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Color

**YIQ(119.4110, 47.3150,
7.0510)**

Conversions

Conversions Part 1

Format	Color
Hex	A9664F
RGB	169, 102, 79
RGB Percent	66%, 40%, 31%
CMY	0.3371, 0.6001, 0.6900
CMYK	0.00, 0.40, 0.53, 0.34
HSL	15°, 36%, 49%
HSV	15°, 53%, 66%
XYZ	22.5319, 18.5016, 9.7907
YIQ	119.4110, 47.3150, 7.0510

Conversions

Conversions Part 2

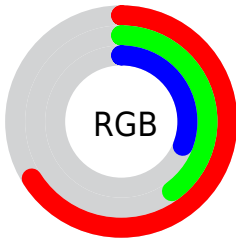
Format	Color
RYB	169, 110, 79
Decimal	11101775
CIELab	50.10, 24.54, 24.36
CIELCh	50, 34.580, 44.791
Yxy	18.5016, 0.4433, 0.3640
Android (android.graphics.Color)	4289291855 (0xFFA9664F)
YUV	119.4110, -19.9226, 43.4896
Hunter-Lab	43.0135, 18.2308, 16.6138

Details

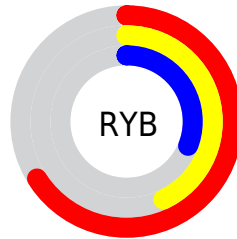
The YIQ color **119.4110, 47.3150, 7.0510** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **128.5890, -47.3150, -7.0510**, and the grayscale version is **120.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **172.8630, 51.8540, 7.3900**, and **69.3610, 41.5840, 6.2880** is the 20% darker color. If you saturate the color by 10%, you get **109.8420, 56.3470, 8.5630**, and if you desaturate by 10%, it is **128.9800, 38.2830, 5.5390**.

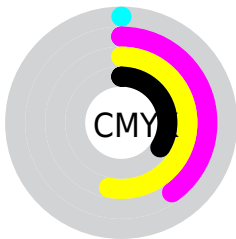
Distribution



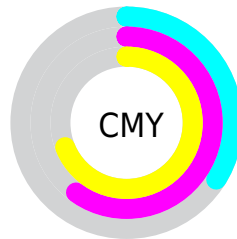
- Red (66%)
- Green (40%)
- Blue (31%)



- Red (66%)
- Yellow (43%)
- Blue (31%)



- Cyan (0%)
- Magenta (40%)
- Yellow (53%)
- Black (34%)





- Cyan (34%)
- Magenta (60%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 119.4110, 47.3150, 7.0510 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 119.4110, 47.3150, 7.0510 by changing the saturation by 10% instead.


 119.4110, 47.3150,
7.0510


 119.4110, 47.3150,
7.0510


255.0000, -0.0000,
-0.0000


 93.7420, 44.8850,
7.0370


 172.8630, 51.8540,
7.3900


 69.3610, 41.5840,
6.2880


 200.1620, 52.4500,
7.6020


 45.3930, 38.5580,
6.0620

 218.9750, 36.6790,
1.5670

 22.6360, 33.5600,
8.5360

 239.1900, 19.7160,
-4.8920

 11.4760, 22.3270,
8.3670

 252.9480, 5.7780,
-5.5980

 0.0000, 0.0000,
0.0000

■ 119.4110, 47.3150,
7.0510

■ 119.4110, 47.3150,
7.0510

■ 109.8420, 56.3470,
8.5630

■ 128.9800, 38.2830,
5.5390

■ 100.8600, 65.1040,
9.5520

■ 137.9620, 29.5260,
4.5500

■ 91.2910, 74.1360,
11.0640

■ 147.5310, 20.4940,
3.0380

■ 82.3090, 82.8930,
12.0530

■ 156.5130, 11.7370,
2.0490

■ 75.7720, 88.8990,
13.3390

■ 166.0820, 2.7050,
0.5370

■ 175.5370, -6.0060,
-1.2860

■ 184.5190,
-14.7630, -2.2750

■ 194.0880,

-23.7950, -3.7870

■ 203.0700,
-32.5520, -4.7760

Harmonies

Analogous

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



121.0600, 44.4700, 20.0700



119.4110, 47.3150, 7.0510



117.6620, 38.6980, -7.4940

Triad

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



119.4110, 47.3150, 7.0510



104.1650, -41.0300, -27.3500



118.0450, -30.2630, 14.3210

Complementary

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



119.4110, 47.3150, 7.0510



128.5890, -47.3150, -7.0510

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.



104.6650, -70.8360, -4.7880



119.4110, 47.3150, 7.0510



94.4070, -79.8180, -29.2420

Square

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



119.4110, 47.3150, 7.0510



111.2970, -6.2310, -24.7510



95.7240, -87.6600, -19.2760



122.4360, 2.6090, 24.3130

Rectangle

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



119.4110, 47.3150, 7.0510



116.3460, 27.6040, -15.6920



95.7240, -87.6600, -19.2760



115.2390, -42.7330, 9.0350

Sweetspot

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



119.4110, 47.3150, 7.0510



199.7480, 18.3850, 2.7130



113.6620, 31.8120, 40.2280



98.2140, 11.1410, 1.8370



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



119.4110, 47.3150, 7.0510



141.9920, 73.5400, 10.8520



145.8260, 34.9400, -16.4840



79.5660, 4.2180, 0.6500



66.5580, 77.7580, 11.5020



8.9150, 10.5450, 1.6250

Inverse Universe

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



128.5890, -47.3150, -7.0510



156.5950, -73.8150, -11.3750



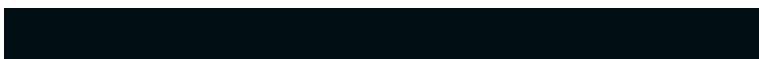
102.7610, -35.2150, 15.9610



80.4340, -4.2180, -0.6500



81.4420, -77.7580, -11.5020



11.0850, -10.5450, -1.6250

Previews

White Background



This preview shows how the YIQ color 119.4110, 47.3150, 7.0510 looks on a white background.

Color Contrast Check

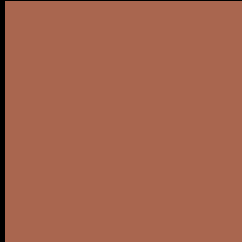
Large Text (above 18pt) WCAG AA ✓ Pass

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 119.4110, 47.3150, 7.0510 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 119.4110, 47.3150, 7.0510

Background



This preview shows how black text looks on a background with the YIQ color 119.4110, 47.3150, 7.0510.



This preview shows how white text looks on a background with the YIQ color 119.4110, 47.3150,

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

119.4110, 47.3150, 7.0510

Protanopia

118.8150, 16.2780, -8.6660

Deuteranopia

118.7520, 29.7570, -5.1470



Tritanopia

120.7390, 40.9400, 17.9640

Trichromacy



Original Color

119.4110, 47.3150, 7.0510

Protanomaly

118.8490, 28.1060, -2.7580

Deuteranomaly

119.2090, 35.9000, -0.8360

Tritanomaly

119.8870, 43.2790, 14.1190

Monochromacy



Original Color

119.4110, 47.3150, 7.0510

Achromatopsia

119.0000, -0.0000, 0.0000

Achromatomaly

119.1500, 17.1930, 2.2890

CSS Examples

Text

The CSS property to change the color of the text to YIQ 119.4110, 47.3150, 7.0510 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(169, 102, 79)` looks like.

```
.text, #text, p{  
    color:rgb(169, 102, 79)  
}
```

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(169, 102, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 102, 79) }
```

Border

The CSS property to change the border of an element to YIQ 119.4110, 47.3150, 7.0510 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(169, 102, 79) }
```


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

```
.border{ border-color:rgb(169, 102, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 102, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 102, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 102, 79);  
box-shadow:4px 4px 4px 4px rgb(169, 102,  
79) }
```

Background

The CSS property to change the background color of an element to YIQ 119.4110, 47.3150, 7.0510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 102, 79) }
```

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

```
.background{ background-color: rgb(169,  
102, 79) }
```

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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