

Converting Colors

YIQ(91.7540, 27.4160, 9.7520)

Have a look what the booklet for
YIQ(91.7540, 27.4160, 9.7520)
contains.

YIQ(91.7540, 27.4160, 9.7520)	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(91.7540, 27.4160,
9.7520)**

Conversions

Conversions Part 1

Format	Color
Hex	7C4E4E
RGB	124, 78, 78
RGB Percent	49%, 31%, 31%
CMY	0.5136, 0.6942, 0.6940
CMYK	0.00, 0.37, 0.37, 0.51
HSL	360°, 23%, 40%
HSV	360°, 37%, 49%
XYZ	12.4154, 10.2837, 8.5435
YIQ	91.7540, 27.4160, 9.7520

Conversions

Conversions Part 2

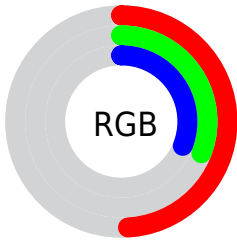
Format	Color
R_{YB}	124, 78, 78
Decimal	8146510
CIE Lab	38.35, 19.44, 8.08
CIE LCh	38, 21.053, 22.565
Yxy	10.2837, 0.3974, 0.3292
Android (android.graphics.Color)	4286336590 (0xFF7C4E4E)
YUV	91.7540, -6.7807, 28.2797
Hunter-Lab	32.0681, 12.9881, 6.6518

Details

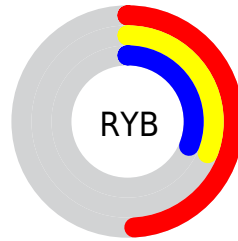
The YIQ color **91.7540, 27.4160, 9.7520** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **110.2460, -27.4160, -9.7520**, and the grayscale version is **92.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **142.8360, 30.1210, 10.2890**, and **45.0740, 23.5190, 8.7910** is the 20% darker color. If you saturate the color by 10%, you get **83.3420, 34.5680, 12.2960**, and if you desaturate by 10%, it is **100.1660, 20.2640, 7.2080**.

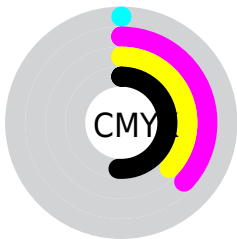
Distribution



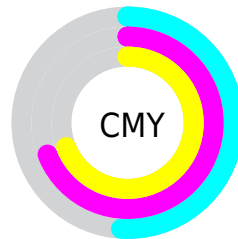
- Red (49%)
- Green (31%)
- Blue (31%)



- Red (49%)
- Yellow (31%)
- Blue (31%)



- Cyan (0%)
- Magenta (37%)
- Yellow (37%)
- Black (51%)



- Cyan (51%)
- Magenta (69%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 91.7540, 27.4160, 9.7520 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 91.7540, 27.4160, 9.7520 by changing the saturation by 10% instead.

■ 91.7540, 27.4160,
9.7520

■ 91.7540, 27.4160,
9.7520

255.0000, -0.0000,
-0.0000

■ 67.8570, 25.6280,
9.1160

■ 142.8360, 30.1210,
10.2890

■ 45.0740, 23.5190,
8.7910

■ 169.4340, 31.3130,
10.7130

■ 22.4760, 22.3270,
8.3670

■ 197.0320, 32.5050,
11.1370

■ 7.5890, 14.5790,
5.6110

■ 221.9390, 28.3330,
9.6530

■ 0.0000, 0.0000,
0.0000

■ 242.1540, 11.3700,
3.1940

■ 91.7540, 27.4160,
9.7520

■ 91.7540, 27.4160,
9.7520

■ 83.3420, 34.5680,
12.2960

■ 100.1660, 20.2640,
7.2080

■ 74.2290, 42.3160,
15.0520

■ 109.2790, 12.5160,
4.4520

■ 65.8170, 49.4680,
17.5960

■ 117.6910, 5.3640,
1.9080

■ 56.7040, 57.2160,
20.3520

■ 126.8040, -2.3840,
-0.8480

■ 48.2920, 64.3680,
22.8960

■ 135.2160, -9.5360,
-3.3920

■ 39.8800, 71.5200,
25.4400

■ 143.6280,
-16.6880, -5.9360

■ 37.0760, 73.9040,
26.2880

■ 152.7410,
-24.4360, -8.6920

■ 161.1530,

-31.5880, -11.2360

■ 170.2660,
-39.3360, -13.9920

Harmonies

Analogous

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



92.7950, 20.1710, 14.4030



91.7540, 27.4160, 9.7520



90.7120, 27.2340, 2.0340

Triad

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



91.7540, 27.4160, 9.7520



85.4360, -7.7000, -14.6440



86.6670, -29.6190, 2.6450

Complementary

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



91.7540, 27.4160, 9.7520



110.2460, -27.4160, -9.7520

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.



81.3400, -42.1800, -6.5000



91.7540, 27.4160, 9.7520



82.4540, -25.3060, -14.9540

Square

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



91.7540, 27.4160, 9.7520



87.8140, 8.8510, -11.7330



79.4230, -41.2160, -12.9600



90.9900, -11.2350, 10.8850

Rectangle

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



91.7540, 27.4160, 9.7520



90.2830, 23.8880, -3.4080



79.4230, -41.2160, -12.9600



85.2210, -34.2950, -0.7190

Sweetspot

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



91.7540, 27.4160, 9.7520



148.3820, 10.7280, 3.8160



96.6990, 12.0540, 23.8460



74.2890, 6.5560, 2.3320



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

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



91.7540, 27.4160, 9.7520



109.8270, 43.5080, 15.4760



104.6680, 21.3660, -1.7540



56.7940, 3.5760, 1.2720



37.3750, 74.5000, 26.5000



75.3480, 150.1920, 53.4240

Inverse Universe

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



91.7540, 27.4160, 9.7520



109.8270, 43.5080, 15.4760



97.3320, -21.3660, 1.7540



56.7940, 3.5760, 1.2720



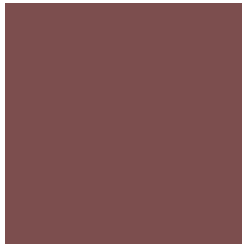
37.3750, 74.5000, 26.5000



75.3480, 150.1920, 53.4240

Previews

White Background



This preview shows how the YIQ color 91.7540, 27.4160, 9.7520 looks on a white background.

Color Contrast Check

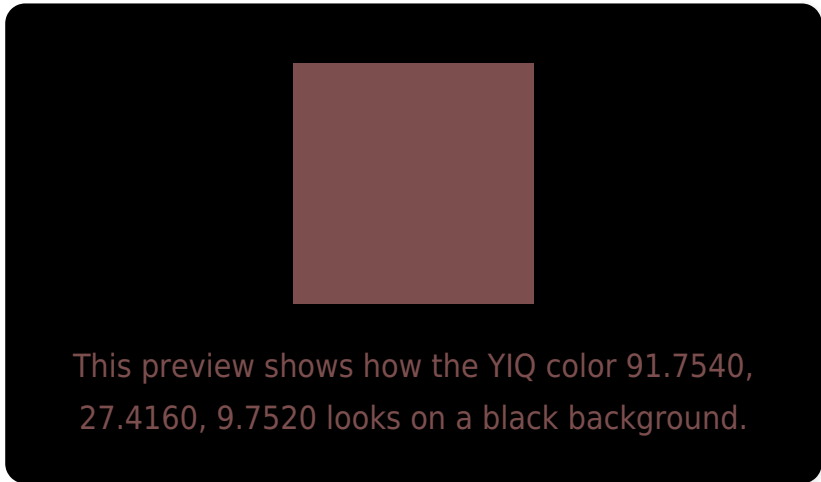
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

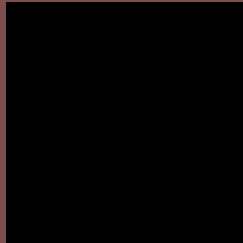
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 91.7540, 27.4160, 9.7520

Background



This preview shows how black text looks on a background with the YIQ color 91.7540, 27.4160, 9.7520.



This preview shows how white text looks on a background with the YIQ color 91.7540, 27.4160,

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

91.7540, 27.4160, 9.7520

Protanopia

90.5120, 4.3100, -1.0180

Deuteranopia

90.8290, 13.6630, 0.1830



Tritanopia

91.7370, 26.0860, 11.8300

Trichromacy



Original Color

91.7540, 27.4160, 9.7520

Protanomaly

91.2250, 12.6080, 2.7840

Deuteranomaly

91.2750, 18.3390, 3.5470

Tritanomaly

91.5090, 26.7280, 11.2080

Monochromacy



Original Color

91.7540, 27.4160, 9.7520

Achromatopsia

92.0000, 0.0000, -0.0000

Achromatomaly

92.0830, 10.1320, 3.6040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 91.7540, 27.4160, 9.7520 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(124, 78, 78)` looks like.

```
.text, #text, p{  
    color:rgb(124, 78, 78)  
}
```

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(124, 78, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 78, 78) }
```

Border

The CSS property to change the border of an element to YIQ 91.7540, 27.4160, 9.7520 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(124, 78, 78) }
```


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

```
.border{ border-color:rgb(124, 78, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 78, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 78, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 78, 78);  
box-shadow:4px 4px 4px 4px rgb(124, 78,  
78) }
```

Background

The CSS property to change the background color of an element to YIQ 91.7540, 27.4160, 9.7520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 78, 78) }
```

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

```
.background{ background-color: rgb(124, 78,  
78) }
```

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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