

Converting Colors

YIQ(66.9920, 47.1770, 9.5530)

Have a look what the booklet for
YIQ(66.9920, 47.1770, 9.5530)
contains.

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Color

**YIQ(66.9920, 47.1770,
9.5530)**

Conversions

Conversions Part 1

Format	Color
Hex	76301F
RGB	118, 48, 31
RGB Percent	46%, 19%, 12%
CMY	0.5371, 0.8119, 0.8782
CMYK	0.00, 0.59, 0.74, 0.54
HSL	12°, 58%, 29%
HSV	12°, 74%, 46%
XYZ	8.7804, 6.0650, 2.0077
YIQ	66.9920, 47.1770, 9.5530

Conversions

Conversions Part 2

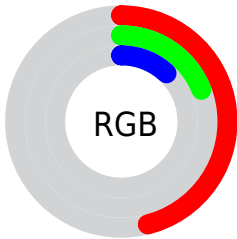
Format	Color
R_{YB}	118, 52, 31
Decimal	7745567
CIE Lab	29.58, 29.58, 25.74
CIE LCh	30, 39.212, 41.031
Yxy	6.0650, 0.5210, 0.3599
Android (android.graphics.Color)	4285935647 (0xFF76301F)
YUV	66.9920, -17.7441, 44.7340
Hunter-Lab	24.6273, 20.5428, 12.4055

Details

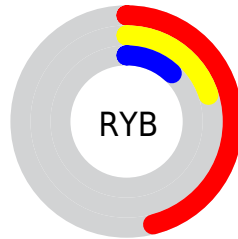
The YIQ color **66.9920, 47.1770, 9.5530** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **82.0080, -47.1770, -9.5530**, and the grayscale version is **67.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **117.9280, 53.2290, 10.0050**, and **19.1360, 38.1440, 13.5680** is the 20% darker color. If you saturate the color by 10%, you get **59.7540, 53.7790, 11.0510**, and if you desaturate by 10%, it is **73.6430, 40.8500, 8.5780**.

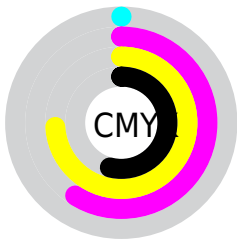
Distribution



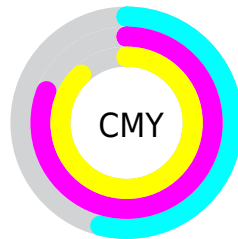
- Red (46%)
- Green (19%)
- Blue (12%)



- Red (46%)
- Yellow (20%)
- Blue (12%)



- Cyan (0%)
- Magenta (59%)
- Yellow (74%)
- Black (54%)



- Cyan (54%)
- Magenta (81%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 66.9920, 47.1770, 9.5530 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 66.9920, 47.1770, 9.5530 by changing the saturation by 10% instead.

66.9920, 47.1770,
9.5530

66.9920, 47.1770,
9.5530

255.0000, -0.0000,
-0.0000

42.3230, 44.7470,
9.5390

117.9280, 53.2290,
10.0050

19.1360, 38.1440,
13.5680

144.0100, 55.9340,
10.5420

12.3730, 24.1150,
9.0030

171.0920, 58.6390,
11.0790

0.0000, 0.0000,
0.0000

196.1840, 55.3840,
9.4960

215.6980, 39.0170,
3.2490

235.2120, 22.6500,

-2.9980

■ 252.4920, 7.0620,
-6.8420

■ 66.9920, 47.1770,
9.5530

■ 66.9920, 47.1770,
9.5530

■ 59.7540, 53.7790,
11.0510

■ 73.6430, 40.8500,
8.5780

■ 53.1030, 60.1060,
12.0260

■ 80.8810, 34.2480,
7.0800

■ 48.7830, 64.0030,
12.9870

■ 87.4180, 28.2420,
5.7940

■ 94.6560, 21.6400,
4.2960

■ 101.8940, 15.0380,
2.7980

■ 108.5450, 8.7110,
1.8230

■ 115.7830, 2.1090,
0.3250

■ 122.3200, -3.8970,
-0.9610

■ 129.5580,
-10.4990, -2.4590

Harmonies

Analogous

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



66.8090, 43.9190, 24.5510



66.9920, 47.1770, 9.5530



66.3910, 40.8990, -8.8370

Triad

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



66.9920, 47.1770, 9.5530



54.3070, -38.5540, -28.1700



61.3030, -48.7850, 8.5830

Complementary

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



66.9920, 47.1770, 9.5530



82.0080, -47.1770, -9.5530

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.



60.2640, -62.2170, -1.2970



66.9920, 47.1770, 9.5530



58.4280, -48.7800, -19.0520

Square

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



66.9920, 47.1770, 9.5530



60.4990, -3.9840, -26.9280



61.1470, -57.8140, -9.5100



71.5110, -1.9760, 24.8080

Rectangle

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



66.9920, 47.1770, 9.5530



65.3200, 30.4930, -18.4910



61.1470, -57.8140, -9.5100



57.7850, -62.1260, 2.5620

Sweetspot

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



66.9920, 47.1770, 9.5530



133.2750, 18.3390, 3.5470



65.1070, 29.0610, 40.5250



64.7410, 11.0950, 2.6710



204.0000, -0.0000, -0.0000



77.0000, -0.0000, -0.0000

Same Dimension

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



66.9920, 47.1770, 9.5530



74.2140, 73.0350, 14.4990



91.6460, 35.6270, -12.4130



55.3810, 3.3010, 0.7490



50.5660, 66.1120, 13.3120



103.5130, 135.5250, 27.3730

Inverse Universe

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



82.0080, -47.1770, -9.5530



97.3730, -73.3100, -15.0220



57.3540, -35.6270, 12.4130



56.6190, -3.3010, -0.7490



72.0210, -66.3870, -13.8350



146.4870, -135.5250, -27.3730

Previews

White Background



This preview shows how the YIQ color 66.9920, 47.1770, 9.5530 looks on a white background.

Color Contrast Check

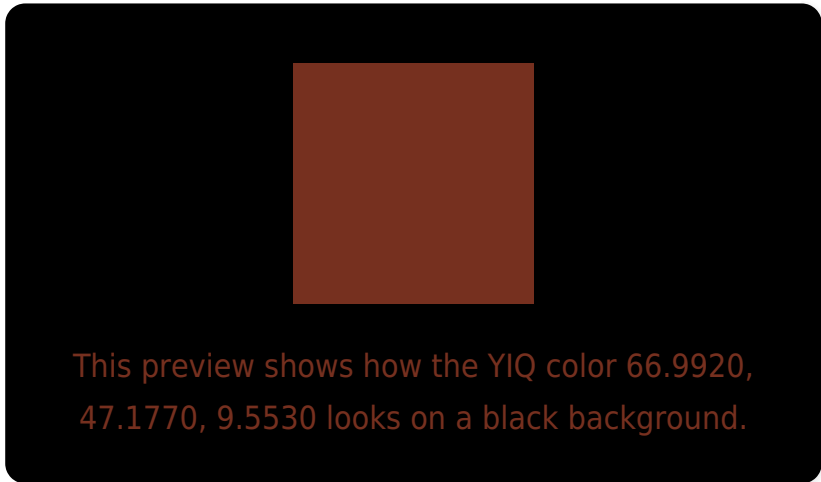
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black 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

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

YIQ 66.9920, 47.1770, 9.5530

Background



This preview shows how black text looks on a background with the YIQ color 66.9920, 47.1770, 9.5530.



This preview shows how white text looks on a background with the YIQ color 66.9920, 47.1770,

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

66.9920, 47.1770, 9.5530

Protanopia

69.3310, 14.7650, -8.7790

Deuteranopia

68.7190, 25.3560, -7.9880



Tritanopia

68.1690, 42.5450, 16.4090

Trichromacy



Original Color

66.9920, 47.1770, 9.5530

Protanomaly

68.7780, 26.8680, -2.3480

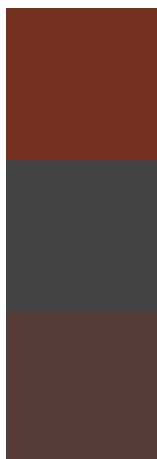
Deuteranomaly

68.0130, 33.5160, -1.6840

Tritanomaly

67.9580, 44.5170, 13.7090

Monochromacy



Original Color

66.9920, 47.1770, 9.5530

Achromatopsia

67.0000, -0.0000, -0.0000

Achromatomaly

67.0900, 17.4220, 3.6460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 66.9920, 47.1770, 9.5530 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(118, 48, 31)` looks like.

```
.text, #text, p{  
    color:rgb(118, 48, 31)  
}
```

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(118, 48, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 48, 31) }
```

Border

The CSS property to change the border of an element to YIQ 66.9920, 47.1770, 9.5530 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(118, 48, 31) }
```


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

```
.border{ border-color:rgb(118, 48, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 48, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 48, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 48, 31);  
box-shadow:4px 4px 4px 4px rgb(118, 48,  
31) }
```

Background

The CSS property to change the background color of an element to YIQ 66.9920, 47.1770, 9.5530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 48, 31) }
```

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

```
.background{ background-color: rgb(118, 48,  
31) }
```

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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