

Converting Colors

YIQ(67.9860, 47.3140, 12.5780)

Have a look what the booklet for
YIQ(67.9860, 47.3140, 12.5780)
contains.

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Color

**YIQ(67.9860, 47.3140,
12.5780)**

Conversions

Conversions Part 1

Format	Color
Hex	792F25
RGB	121, 47, 37
RGB Percent	47%, 18%, 15%
CMY	0.5253, 0.8158, 0.8547
CMYK	0.00, 0.61, 0.69, 0.53
HSL	7°, 53%, 31%
HSV	7°, 69%, 47%
XYZ	9.2412, 6.2325, 2.4703
YIQ	67.9860, 47.3140, 12.5780

Conversions

Conversions Part 2

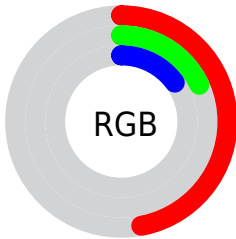
Format	Color
R_{YB}	121, 48, 37
Decimal	7941925
CIE Lab	29.99, 31.67, 22.68
CIE LCh	30, 38.956, 35.600
Yxy	6.2325, 0.5150, 0.3473
Android (android.graphics.Color)	4286132005 (0xFF792F25)
YUV	67.9860, -15.2761, 46.4933
Hunter-Lab	24.9650, 22.3861, 11.6087

Details

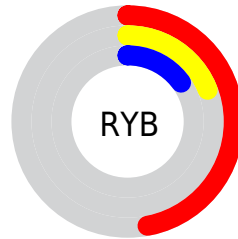
The YIQ color **67.9860, 47.3140, 12.5780** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **90.0140, -47.3140, -12.5780**, and the grayscale version is **68.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **118.9220, 53.3660, 13.0300**, and **20.0330, 39.9320, 14.2040** is the 20% darker color. If you saturate the color by 10%, you get **60.1610, 54.1910, 14.5990**, and if you desaturate by 10%, it is **75.8110, 40.4370, 10.5570**.

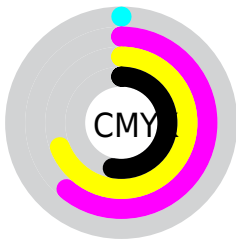
Distribution



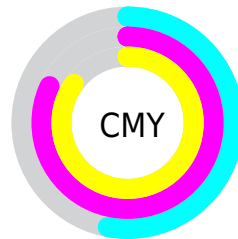
- Red (47%)
- Green (18%)
- Blue (15%)



- Red (47%)
- Yellow (19%)
- Blue (15%)



- Cyan (0%)
- Magenta (61%)
- Yellow (69%)
- Black (53%)



- Cyan (53%)
- Magenta (82%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 67.9860, 47.3140, 12.5780 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 67.9860, 47.3140, 12.5780 by changing the saturation by 10% instead.

■ 67.9860, 47.3140,
12.5780

■ 67.9860, 47.3140,
12.5780

255.0000, -0.0000,
-0.0000

■ 43.1320, 43.9670,
12.6630

■ 118.9220, 53.3660,
13.0300

■ 20.0330, 39.9320,
14.2040

■ 145.5910, 55.7960,
13.0440

■ 13.2700, 25.9030,
9.6390

■ 172.7870, 58.1800,
13.8920

■ 0.0000, 0.0000,
0.0000

■ 196.9820, 53.1370,
11.6730

■ 216.4960, 36.7700,
5.4260

■ 236.0100, 20.4030,

-0.8210

253.4040, 4.4940,
-4.3540

67.9860, 47.3140,
12.5780

67.9860, 47.3140,
12.5780

60.1610, 54.1910,
14.5990

75.8110, 40.4370,
10.5570

52.9230, 60.7930,
16.0970

83.0490, 33.8350,
9.0590

45.0980, 67.6700,
18.1180

90.8740, 26.9580,
7.0380

44.3970, 68.2660,
18.3300

98.6990, 20.0810,
5.0170

106.0510, 13.1580,
3.8300

■ 113.8760, 6.2810,
1.8090

■ 121.7010, -0.5960,
-0.2120

■ 128.9390, -7.1980,
-1.7100

■ 136.7640,
-14.0750, -3.7310

Harmonies

Analogous

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



68.0800, 41.7180, 25.8940



67.9860, 47.3140, 12.5780



67.9830, 42.2280, -5.3880

Triad

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



67.9860, 47.3140, 12.5780



53.7370, -36.9490, -29.7250



57.1980, -61.8510, 3.0850

Complementary

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



67.9860, 47.3140, 12.5780



90.0140, -47.3140, -12.5780

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.



61.3240, -62.4460, -2.6540



67.9860, 47.3140, 12.5780



58.5590, -47.7710, -20.8190

Square

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



67.9860, 47.3140, 12.5780



62.8480, 2.3430, -25.9530



61.2780, -56.8050, -11.2770



72.2220, -8.5320, 22.4760

Rectangle

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



67.9860, 47.3140, 12.5780



66.6410, 34.0230, -16.3850



61.2780, -56.8050, -11.2770



59.5460, -62.9510, 0.9930

Sweetspot

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



67.9860, 47.3140, 12.5780



137.2150, 18.5680, 4.9040



70.5520, 26.3100, 40.8220



66.7410, 11.0950, 2.6710



207.0000, 0.0000, -0.0000



79.0000, -0.0000, 0.0000

Same Dimension

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



67.9860, 47.3140, 12.5780



74.9740, 73.9510, 19.9270



92.6400, 35.7640, -9.3880



57.3810, 3.3010, 0.7490



46.1800, 70.3750, 18.6550



92.9580, 141.9420, 37.7340

Inverse Universe

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



90.0140, -47.3140, -12.5780



110.0260, -73.9510, -19.9270



65.3600, -35.7640, 9.3880



58.6190, -3.3010, -0.7490



78.8200, -70.3750, -18.6550



159.6290, -142.2170, -38.2570

Previews

White Background



This preview shows how the YIQ color 67.9860, 47.3140, 12.5780 looks on a white background.

Color Contrast Check

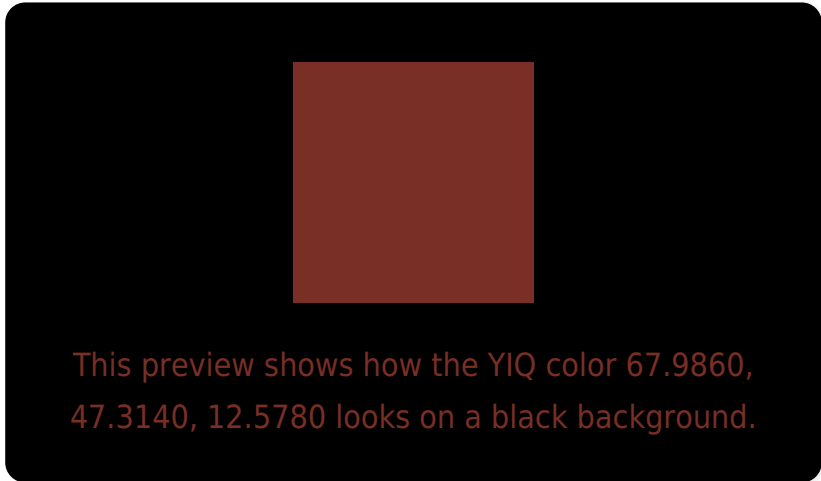
Large Text (above 18pt) WCAG AA ✓ Pass

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 67.9860, 47.3140, 12.5780

Background



This preview shows how black text looks on a background with the YIQ color 67.9860, 47.3140, 12.5780.



This preview shows how white text looks on a background with the YIQ color 67.9860, 47.3140,

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

67.9860, 47.3140, 12.5780

Protanopia

70.8300, 11.9220, -6.8140

Deuteranopia

70.2890, 23.7510, -6.4330



Tritanopia

68.3650, 44.9290, 17.2570

Trichromacy



Original Color

67.9860, 47.3140, 12.5780

Protanomaly

69.9890, 24.8960, 0.3520

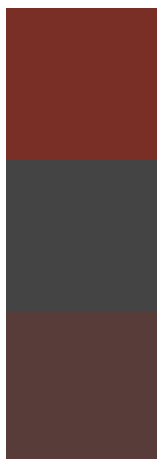
Deuteranomaly

69.2950, 32.7820, 0.6060

Tritanomaly

68.4960, 45.9380, 15.4900

Monochromacy



Original Color

67.9860, 47.3140, 12.5780

Achromatopsia

68.0000, -0.0000, 0.0000

Achromatomaly

67.7310, 17.0550, 4.7910

CSS Examples

Text

The CSS property to change the color of the text to YIQ 67.9860, 47.3140, 12.5780 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(121, 47, 37)` looks like.

```
.text, #text, p{  
    color:rgb(121, 47, 37)  
}
```

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(121, 47, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 47, 37) }
```

Border

The CSS property to change the border of an element to YIQ 67.9860, 47.3140, 12.5780 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(121, 47, 37) }
```


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

```
.border{ border-color:rgb(121, 47, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 47, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 47, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 47, 37);  
box-shadow:4px 4px 4px 4px rgb(121, 47,  
37) }
```

Background

The CSS property to change the background color of an element to YIQ 67.9860, 47.3140, 12.5780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 47, 37) }
```

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

```
.background{ background-color: rgb(121, 47,  
37) }
```

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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