

Converting Colors

YIQ(117.0510, 47.5480,
-13.7000)

Have a look what the booklet for
YIQ(117.0510, 47.5480, -13.7000)
contains.

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Color

**YIQ(117.0510, 47.5480,
-13.7000)**

Conversions

Conversions Part 1

Format	Color
Hex	9A7129
RGB	154, 113, 41
RGB Percent	60%, 44%, 16%
CMY	0.3960, 0.5569, 0.8390
CMYK	0.00, 0.27, 0.73, 0.40
HSL	38°, 58%, 38%
HSV	38°, 73%, 60%
XYZ	19.6335, 18.8382, 4.7049
YIQ	117.0510, 47.5480, -13.7000

Conversions

Conversions Part 2

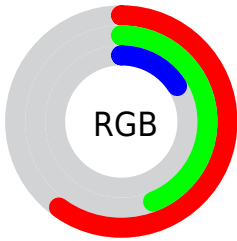
Format	Color
R_{YB}	105, 154, 41
Decimal	10121513
CIE _{Lab}	50.50, 8.94, 44.47
CIE _{LCh}	50, 45.359, 78.632
Yxy	18.8382, 0.4547, 0.4363
Android (android.graphics.Color)	4288311593 (0xFF9A7129)
YUV	117.0510, -37.4931, 32.4043
Hunter-Lab	43.4030, 4.7897, 23.9551

Details

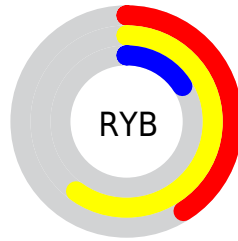
The YIQ color **117.0510, 47.5480, -13.7000** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **77.9490, -47.5480, 13.7000**, and the grayscale version is **117.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **170.6170, 51.7660, -13.0500**, and **67.7560, 41.1290, -13.0070** is the 20% darker color. If you saturate the color by 10%, you get **111.8190, 54.0130, -15.2270**, and if you desaturate by 10%, it is **122.2830, 41.0830, -12.1730**.

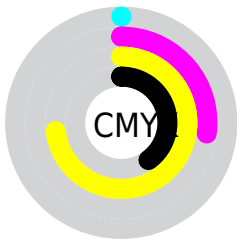
Distribution



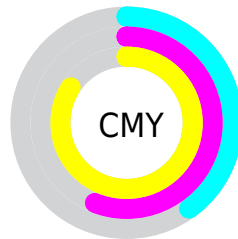
- Red (60%)
- Green (44%)
- Blue (16%)



- Red (41%)
- Yellow (60%)
- Blue (16%)



- Cyan (0%)
- Magenta (27%)
- Yellow (73%)
- Black (40%)



- Cyan (40%)
- Magenta (56%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 117.0510, 47.5480, -13.7000 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 117.0510, 47.5480, -13.7000 by changing the saturation by 10% instead.

■ 117.0510, 47.5480,
-13.7000

■ 117.0510, 47.5480,
-13.7000

■ 255.0000, -0.0000,
-0.0000

■ 91.6270, 45.8060,
-15.1700

■ 170.6170, 51.7660,
-13.0500

■ 67.7560, 41.1290,
-13.0070

■ 197.9870, 53.6000,
-13.2480

■ 46.7690, 31.0870,
-7.2250

■ 221.1000, 45.8520,
-16.0040

■ 27.2550, 21.0910,
-2.2770

■ 241.2010, 29.2100,
-22.7740

■ 6.5780, 13.1120,
4.6640

■ 248.3880, 18.6180,
-18.0380

■ 0.0000, 0.0000,
0.0000

■ 251.6940, 9.3090,

-9.0190

■ 117.0510, 47.5480,
-13.7000

■ 117.0510, 47.5480,
-13.7000

■ 111.8190, 54.0130,
-15.2270

■ 122.2830, 41.0830,
-12.1730

■ 107.0600, 60.5240,
-17.5880

■ 127.0420, 34.5720,
-9.8120

■ 103.5720, 64.8340,
-18.6060

■ 132.2740, 28.1070,
-8.2850

■ 137.0330, 21.5960,
-5.9240

■ 142.2650, 15.1310,
-4.3970

■ 147.4970, 8.6660,
-2.8700

■ 152.2560, 2.1550,
-0.5090

■ 157.4880, -4.3100,
1.0180

■ 162.2470,
-10.8210, 3.3790

Harmonies

Analogous

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



118.5280, 60.1070, 6.4990



117.0510, 47.5480, -13.7000



114.0320, 22.1960, -27.8200

Triad

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



117.0510, 47.5480, -13.7000



98.0090, -84.4490, -27.9130



124.0550, 8.4760, 33.6280

Complementary

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



117.0510, 47.5480, -13.7000



77.9490, -47.5480, 13.7000

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.



118.9120, -36.9580, 20.0180



117.0510, 47.5480, -13.7000



100.0100, -94.2170, -16.0810

Square

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



117.0510, 47.5480, -13.7000



92.8620, -71.3340, -39.8300



98.0670, -98.3910, -6.5110



122.2900, 41.4870, 35.5910

Rectangle

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



117.0510, 47.5480, -13.7000



110.8920, -0.9570, -32.2290



98.0670, -98.3910, -6.5110



123.2320, -5.3240, 30.4200

Sweetspot

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



117.0510, 47.5480, -13.7000



186.5920, 18.5240, -5.3160



79.4610, 54.1870, 36.7070



93.0520, 11.4170, -3.1670



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.



117.0510, 47.5480, -13.7000



143.2540, 74.4170, -21.5750



136.6330, 27.3330, -38.3230



74.3270, 3.3930, -0.9190



94.1030, 58.9650, -16.8670



8.5830, 5.5480, -1.4280

Inverse Universe

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



77.9490, -47.5480, 13.7000



82.3330, -74.6920, 21.0520



58.3670, -27.3330, 38.3230



71.6730, -3.3930, 0.9190



45.8970, -58.9650, 16.8670



4.4170, -5.5480, 1.4280

Previews

White Background



This preview shows how the YIQ color 117.0510, 47.5480, -13.7000 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 117.0510, 47.5480, -13.7000 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 117.0510, 47.5480, -13.7000

Background



This preview shows how black text looks on a background with the YIQ color 117.0510, 47.5480, -13.7000.



This preview shows how white text looks on a background with the YIQ color 117.0510, 47.5480,

-13.7000.

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

117.0510, 47.5480, -13.7000

Protanopia

116.2940, 33.3820, -21.2900

Deuteranopia

116.7410, 45.4850, -14.8590



Tritanopia

122.7590, 29.0200, 13.7240

Trichromacy



Original Color

117.0510, 47.5480, -13.7000

Protanomaly

116.5120, 38.7000, -18.5480

Deuteranomaly

117.0400, 46.0810, -14.6470

Tritanomaly

120.8440, 35.6700, 3.3340

Monochromacy



Original Color

117.0510, 47.5480, -13.7000

Achromatopsia

117.0000, -0.0000, 0.0000

Achromatomaly

117.1080, 17.0110, -5.4290

CSS Examples

Text

The CSS property to change the color of the text to YIQ 117.0510, 47.5480, -13.7000 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(154, 113, 41)` looks like.

```
.text, #text, p{  
    color:rgb(154, 113, 41)  
}
```

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(154, 113, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 113, 41) }
```

Border

The CSS property to change the border of an element to YIQ 117.0510, 47.5480, -13.7000 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(154, 113, 41) }
```


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

```
.border{ border-color:rgb(154, 113, 41) }
```

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

Here you see how a box with a 4 pixel rgb(154, 113, 41) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 113, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 113, 41);  
box-shadow:4px 4px 4px 4px rgb(154, 113,  
41) }
```

Background

The CSS property to change the background color of an element to YIQ 117.0510, 47.5480, -13.7000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 113, 41) }
```

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

```
.background{ background-color: rgb(154,  
113, 41) }
```

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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