

Converting Colors

YIQ(115.5250, 11.4630, -4.0010)

Have a look what the booklet for
YIQ(115.5250, 11.4630, -4.0010)
contains.

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Color

**YIQ(115.5250, 11.4630,
-4.0010)**

Conversions

Conversions Part 1

Format	Color
Hex	7C7360
RGB	124, 115, 96
RGB Percent	49%, 45%, 38%
CMY	0.5137, 0.5490, 0.6235
CMYK	0.00, 0.07, 0.23, 0.51
HSL	41°, 13%, 43%
HSV	41°, 23%, 49%
XYZ	16.5549, 17.3907, 13.5542
YIQ	115.5250, 11.4630, -4.0010

Conversions

Conversions Part 2

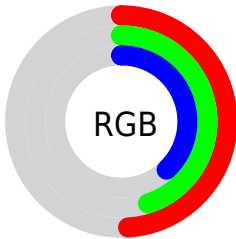
Format	Color
R_{YB}	109, 124, 96
Decimal	8156000
CIE _{Lab}	48.75, 0.14, 11.77
CIE _{LCh}	49, 11.774, 89.301
Yxy	17.3907, 0.3485, 0.3661
Android (android.graphics.Color)	4286346080 (0xFF7C7360)
YUV	115.5250, -9.6258, 7.4326
Hunter-Lab	41.7021, -2.1180, 9.9207

Details

The YIQ color **115.5250, 11.4630, -4.0010** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **104.4750, -11.4630, 4.0010**, and the grayscale version is **116.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **167.7100, 12.3800, -4.1000**, and **67.4540, 10.2250, -3.5910** is the 20% darker color. If you saturate the color by 10%, you get **111.8090, 16.4150, -5.6410**, and if you desaturate by 10%, it is **119.2410, 6.5110, -2.3610**.

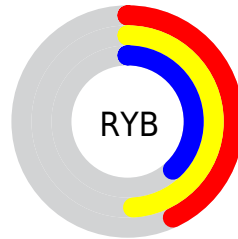
Distribution



Red (49%)

Green (45%)

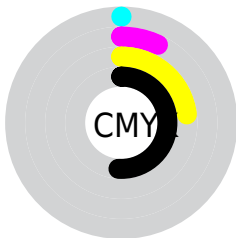
Blue (38%)



Red (43%)

Yellow (49%)

Blue (38%)

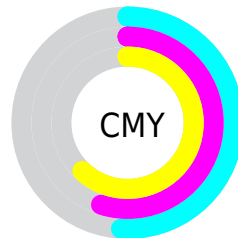


Cyan (0%)

Magenta (7%)

Yellow (23%)

Black (51%)



Cyan (51%)

Magenta (55%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 115.5250, 11.4630, -4.0010 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 115.5250, 11.4630, -4.0010 by changing the saturation by 10% instead.

■ 115.5250, 11.4630,
-4.0010

■ 115.5250, 11.4630,
-4.0010

■ 255.0000, -0.0000,
-0.0000

■ 90.6390, 11.1420,
-3.6900

■ 167.7100, 12.3800,
-4.1000

■ 67.4540, 10.2250,
-3.5910

■ 194.5960, 12.7010,
-4.4110

■ 45.2690, 9.3080,
-3.4920

■ 222.8950, 13.2970,
-4.1990

■ 23.6990, 10.9130,
-5.0470

■ 249.1010, 9.7210,
-5.4710

■ 0.0000, 0.0000,
0.0000

■ 115.5250, 11.4630,

■ 115.5250, 11.4630,

-4.0010

-4.0010

■ 111.8090, 16.4150,
-5.6410

■ 119.2410, 6.5110,
-2.3610

■ 107.9790, 21.6880,
-7.5920

■ 123.0710, 1.2380,
-0.4100

■ 104.2630, 26.6400,
-9.2320

■ 126.7870, -3.7140,
1.2300

■ 100.4330, 31.9130,
-11.1830

■ 130.6170, -8.9870,
3.1810

■ 96.7170, 36.8650,
-12.8230

■ 134.3330,
-13.9390, 4.8210

■ 93.0010, 41.8170,
-14.4630

■ 138.0490,
-18.8910, 6.4610

■ 89.1710, 47.0900,
-16.4140

■ 141.8790,
-24.1640, 8.4120

■ 86.3840, 50.8040,
-17.6440

■ 145.5950,
-29.1160, 10.0520

■ 149.4250,
-34.3890, 12.0030

Harmonies

Analogous

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



116.7970, 16.6890, 0.4090



115.5250, 11.4630, -4.0010



114.2250, 3.4400, -7.2800

Triad

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



115.5250, 11.4630, -4.0010



112.1870, -19.7600, -5.3280



117.5050, 6.1880, 9.0040

Complementary

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



115.5250, 11.4630, -4.0010



104.4750, -11.4630, 4.0010

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.



116.4760, -4.0360, 7.0680



115.5250, 11.4630, -4.0010



113.7080, -19.6690, -1.4690

Square

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



115.5250, 11.4630, -4.0010



112.5310, -15.0370, -8.3250



115.4640, -12.9300, 3.0540



117.5720, 13.2490, 7.6890

Rectangle

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



115.5250, 11.4630, -4.0010



113.5770, -3.4830, -8.4670



115.4640, -12.9300, 3.0540



117.2380, 2.5660, 8.5660

Sweetspot

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



115.5250, 11.4630, -4.0010



157.2840, 4.9520, -1.6400



105.3980, 13.7990, 8.7350



79.4410, 3.0720, -0.6080



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.



115.5250, 11.4630, -4.0010



147.7660, 17.9740, -6.3620



119.3130, 6.0080, -9.7680



59.1420, 2.4760, -0.8200



87.2700, 51.1250, -17.9550



175.7250, 103.1670, -36.0090

Inverse Universe

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



104.4750, -11.4630, 4.0010



130.2340, -17.9740, 6.3620



100.6870, -6.0080, 9.7680



56.8580, -2.4760, 0.8200



37.7300, -51.1250, 17.9550



76.2750, -103.1670, 36.0090

Previews

White Background



This preview shows how the YIQ color 115.5250, 11.4630, -4.0010 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



This preview shows how the YIQ color 115.5250, 11.4630, -4.0010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

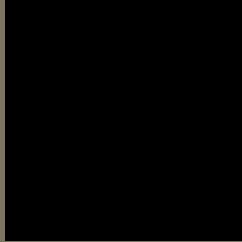
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

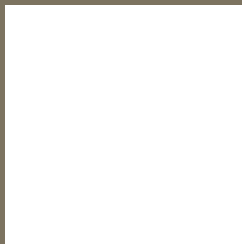
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 115.5250, 11.4630, -4.0010

Background



This preview shows how black text looks on a background with the YIQ color 115.5250, 11.4630, -4.0010.



This preview shows how white text looks on a background with the YIQ color 115.5250, 11.4630,

-4.0010.

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

115.5250, 11.4630, -4.0010

Protanopia

115.5140, 9.9960, -4.9480

Deuteranopia

116.2810, 18.2020, 0.5220



Tritanopia

117.3970, 6.3720, 5.6680

Trichromacy



Original Color

115.5250, 11.4630, -4.0010

Protanomaly

115.8130, 10.5920, -4.7360

Deuteranomaly

115.6720, 15.5430, -0.8490

Tritanomaly

116.6590, 8.3900, 2.1340

Monochromacy



Original Color

115.5250, 11.4630, -4.0010

Achromatopsia

116.0000, -0.0000, 0.0000

Achromatomaly

116.0990, 4.0350, -1.5410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 115.5250, 11.4630, -4.0010 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, 115, 96)` looks like.

```
.text, #text, p{  
    color:rgb(124, 115, 96)  
}
```

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, 115, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 115, 96) }
```

Border

The CSS property to change the border of an element to YIQ 115.5250, 11.4630, -4.0010 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, 115, 96) }
```


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

```
.border{ border-color:rgb(124, 115, 96) }
```

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

Here you see how a box with a 4 pixel rgb(124, 115, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 115, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 115, 96);  
box-shadow:4px 4px 4px 4px rgb(124, 115,  
96) }
```

Background

The CSS property to change the background color of an element to YIQ 115.5250, 11.4630, -4.0010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 115, 96) }
```

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

```
.background{ background-color: rgb(124,  
115, 96) }
```

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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