

Converting Colors

YIQ(115.6700, 44.2470,
-14.4490)

Have a look what the booklet for
YIQ(115.6700, 44.2470, -14.4490)
contains.

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Color

**YIQ(115.6700, 44.2470,
-14.4490)**

Conversions

Conversions Part 1

Format	Color
Hex	95712A
RGB	149, 113, 42
RGB Percent	58%, 44%, 16%
CMY	0.4156, 0.5569, 0.8351
CMYK	0.00, 0.24, 0.72, 0.42
HSL	40°, 56%, 37%
HSV	40°, 72%, 58%
XYZ	18.7187, 18.3650, 4.7542
YIQ	115.6700, 44.2470, -14.4490

Conversions

Conversions Part 2

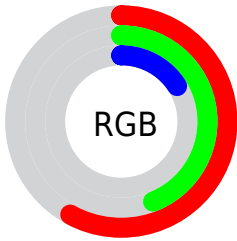
Format	Color
R_{YB}	96, 149, 42
Decimal	9793834
CIE _{Lab}	49.94, 6.70, 43.26
CIE _{LCh}	50, 43.771, 81.198
Yxy	18.3650, 0.4474, 0.4390
Android (android.graphics.Color)	4287983914 (0xFF95712A)
YUV	115.6700, -36.3193, 29.2304
Hunter-Lab	42.8544, 2.9734, 23.4205

Details

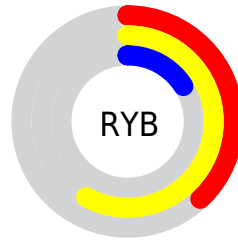
The YIQ color **115.6700, 44.2470, -14.4490** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **75.3300, -44.2470, 14.4490**, and the grayscale version is **116.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **168.8230, 48.1900, -14.3220**, and **66.2610, 38.1490, -14.0670** is the 20% darker color. If you saturate the color by 10%, you get **111.0250, 50.4370, -16.4990**, and if you desaturate by 10%, it is **120.3150, 38.0570, -12.3990**.

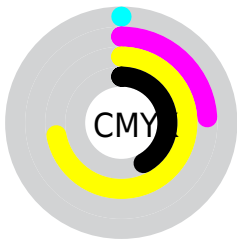
Distribution



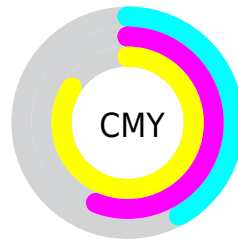
- Red (58%)
- Green (44%)
- Blue (16%)



- Red (38%)
- Yellow (58%)
- Blue (16%)



- Cyan (0%)
- Magenta (24%)
- Yellow (72%)
- Black (42%)



- Cyan (42%)
- Magenta (56%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 115.6700, 44.2470, -14.4490 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 115.6700, 44.2470, -14.4490 by changing the saturation by 10% instead.

■ 115.6700, 44.2470,
-14.4490

■ 115.6700, 44.2470,
-14.4490

■ 255.0000, -0.0000,
-0.0000

■ 90.2460, 42.5050,
-15.9190

■ 168.9370, 47.8690,
-14.0110

■ 66.2610, 38.1490,
-14.0670

■ 196.6060, 50.2990,
-13.9970

■ 46.1600, 28.4280,
-8.5960

■ 221.1000, 45.8520,
-16.0040

■ 26.3580, 19.3030,
-2.9130

■ 241.2010, 29.2100,
-22.7740

■ 4.7840, 9.5360,
3.3920

■ 248.5020, 18.2970,
-17.7270

■ 0.0000, 0.0000,
0.0000

■ 251.6940, 9.3090,

-9.0190

■ 115.6700, 44.2470,
-14.4490

■ 115.6700, 44.2470,
-14.4490

■ 111.0250, 50.4370,
-16.4990

■ 120.3150, 38.0570,
-12.3990

■ 106.3800, 56.6270,
-18.5490

■ 124.9600, 31.8670,
-10.3490

■ 102.6640, 61.5790,
-20.1890

■ 129.6050, 25.6770,
-8.2990

■ 134.2500, 19.4870,
-6.2490

■ 138.8950, 13.2970,
-4.1990

■ 143.4260, 7.4280,
-2.4600

■ 148.0710, 1.2380,
-0.4100

■ 152.7160, -4.9520,
1.6400

■ 157.3610,
-11.1420, 3.6900

Harmonies

Analogous

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



117.5060, 57.1730, 4.6050



115.6700, 44.2470, -14.4490



112.5910, 19.1240, -27.2120

Triad

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



115.6700, 44.2470, -14.4490



96.9490, -84.2200, -26.5560



122.4960, 11.5480, 33.0200

Complementary

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



115.6700, 44.2470, -14.4490



75.3300, -44.2470, 14.4490

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.



118.2610, -30.6310, 20.9930



115.6700, 44.2470, -14.4490



98.7220, -93.3460, -15.3460

Square

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



115.6700, 44.2470, -14.4490



92.5030, -71.7010, -38.6850



95.8500, -96.2820, -6.1860



120.1220, 41.9000, 33.6120

Rectangle

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



115.6700, 44.2470, -14.4490



108.8640, -3.7540, -31.0980



95.8500, -96.2820, -6.1860



121.9720, -1.6560, 30.0240

Sweetspot

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



115.6700, 44.2470, -14.4490



180.2930, 17.9280, -5.5280



78.2110, 51.8950, 34.1910



88.8670, 10.5000, -3.0680



224.0000, -0.0000, 0.0000



97.0000, -0.0000, 0.0000

Same Dimension

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



115.6700, 44.2470, -14.4490



142.0900, 69.0070, -22.6490



132.0180, 24.8110, -36.6690



71.4410, 3.0720, -0.6080



94.6790, 57.2230, -18.3370



7.0990, 4.0350, -1.5410

Inverse Universe

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



75.3300, -44.2470, 14.4490



78.9100, -69.0070, 22.6490



58.9820, -24.8110, 36.6690



68.9720, -2.7970, 1.1310



42.7340, -56.9480, 18.8600



2.9010, -4.0350, 1.5410

Previews

White Background



This preview shows how the YIQ color 115.6700, 44.2470, -14.4490 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 115.6700, 44.2470, -14.4490 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 115.6700, 44.2470, -14.4490

Background



This preview shows how black text looks on a background with the YIQ color 115.6700, 44.2470, -14.4490.



This preview shows how white text looks on a background with the YIQ color 115.6700, 44.2470, -14.4490.

-14.4490.

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

115.6700, 44.2470, -14.4490

Protanopia

114.6360, 32.4190, -20.3570

Deuteranopia

115.6700, 44.2470, -14.4490



Tritanopia

121.2640, 26.0400, 12.6640

Trichromacy



Original Color

115.6700, 44.2470, -14.4490

Protanomaly

115.1420, 36.8660, -18.3500

Deuteranomaly

115.6700, 44.2470, -14.4490

Tritanomaly

119.4630, 32.3690, 2.5850

Monochromacy



Original Color

115.6700, 44.2470, -14.4490

Achromatopsia

116.0000, -0.0000, 0.0000

Achromatomaly

115.9230, 16.0940, -5.3300

CSS Examples

Text

The CSS property to change the color of the text to YIQ 115.6700, 44.2470, -14.4490 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(149, 113, 42)` looks like.

```
.text, #text, p{  
    color:rgb(149, 113, 42)  
}
```

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(149, 113, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 113, 42) }
```

Border

The CSS property to change the border of an element to YIQ 115.6700, 44.2470, -14.4490 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(149, 113, 42) }
```


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

```
.border{ border-color:rgb(149, 113, 42) }
```

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

Here you see how a box with a 4 pixel rgb(149, 113, 42) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 113, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 113, 42);  
box-shadow:4px 4px 4px 4px rgb(149, 113,  
42) }
```

Background

The CSS property to change the background color of an element to YIQ 115.6700, 44.2470, -14.4490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 113, 42) }
```

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

```
.background{ background-color: rgb(149,  
113, 42) }
```

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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