

Converting Colors

YIQ(114.6520, 35.4900,
-15.4380)

Have a look what the booklet for
YIQ(114.6520, 35.4900, -15.4380)
contains.

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Color

**YIQ(114.6520, 35.4900,
-15.4380)**

Conversions

Conversions Part 1

Format	Color
Hex	8B7331
RGB	139, 115, 49
RGB Percent	55%, 45%, 19%
CMY	0.4549, 0.5490, 0.8076
CMYK	0.00, 0.17, 0.65, 0.45
HSL	44°, 48%, 37%
HSV	44°, 65%, 55%
XYZ	17.3331, 17.9706, 5.4663
YIQ	114.6520, 35.4900, -15.4380

Conversions

Conversions Part 2

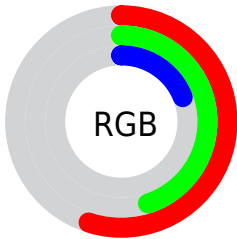
Format	Color
RYB	82, 139, 49
Decimal	9138993
CIELab	49.46, 1.38, 39.08
CIElCh	49, 39.107, 87.972
Yxy	17.9706, 0.4251, 0.4408
Android (android.graphics.Color)	4287329073 (0xFF8B7331)
YUV	114.6520, -32.3664, 21.3532
Hunter-Lab	42.3918, -1.2006, 22.0290

Details

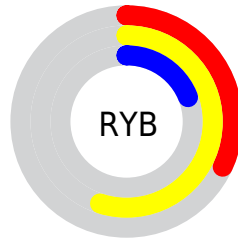
The YIQ color **114.6520, 35.4900, -15.4380** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **73.3480, -35.4900, 15.4380**, and the grayscale version is **115.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **167.5060, 38.8370, -15.5230**, and **65.0430, 32.8310, -16.8090** is the 20% darker color. If you saturate the color by 10%, you get **110.7080, 41.0840, -17.7000**, and if you desaturate by 10%, it is **118.5960, 29.8960, -13.1760**.

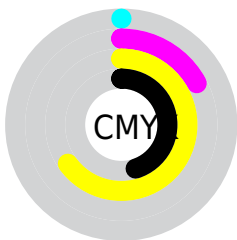
Distribution



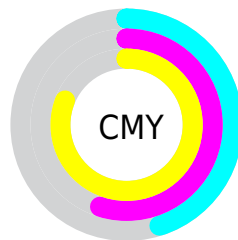
- Red (55%)
- Green (45%)
- Blue (19%)



- Red (32%)
- Yellow (55%)
- Blue (19%)



- Cyan (0%)
- Magenta (17%)
- Yellow (65%)
- Black (45%)



- Cyan (45%)
- Magenta (55%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 114.6520, 35.4900, -15.4380 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 114.6520, 35.4900, -15.4380 by changing the saturation by 10% instead.

■ 114.6520, 35.4900,
-15.4380

■ 114.6520, 35.4900,
-15.4380

■ 255.0000, -0.0000,
-0.0000

■ 89.7550, 33.7020,
-16.0740

■ 167.5060, 38.8370,
-15.5230

■ 65.0430, 32.8310,
-16.8090

■ 194.9900, 40.3500,
-15.4100

■ 44.6540, 23.9810,
-10.6030

■ 223.0610, 41.5880,
-15.8200

■ 25.4390, 14.5810,
-5.4430

■ 243.1730, 26.4130,
-21.6430

■ 0.0000, 0.0000,
0.0000

■ 249.3000, 16.0500,
-15.5500

■ 252.4920, 7.0620,

-6.8420

■ 114.6520, 35.4900,
-15.4380

■ 114.6520, 35.4900,
-15.4380

■ 110.7080, 41.0840,
-17.7000

■ 118.5960, 29.8960,
-13.1760

■ 107.3510, 46.4030,
-20.4850

■ 121.9530, 24.5770,
-10.3910

■ 103.4070, 51.9970,
-22.7470

■ 125.8970, 18.9830,
-8.1290

■ 101.4350, 54.7940,
-23.8780

■ 129.8410, 13.3890,
-5.8670

■ 133.7850, 7.7950,
-3.6050

■ 137.0280, 2.7970,
-1.1310

■ 140.9720, -2.7970,
1.1310

■ 144.9160, -8.3910,
3.3930

■ 148.2730,
-13.7100, 6.1780

Harmonies

Analogous

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



116.8640, 50.1130, 0.3930



114.6520, 35.4900, -15.4380



111.5670, 10.5040, -25.1760

Triad

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



114.6520, 35.4900, -15.4380



95.5300, -84.3580, -24.0540



121.0250, 17.1880, 29.9240

Complementary

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



114.6520, 35.4900, -15.4380



73.3480, -35.4900, 15.4380

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.



119.3180, -17.6100, 21.7980



114.6520, 35.4900, -15.4380



96.0320, -91.2830, -14.1870

Square

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



114.6520, 35.4900, -15.4380



91.6540, -73.4440, -34.6280



107.2410, -63.4100, 3.8060



119.5470, 41.9010, 28.0850

Rectangle

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



114.6520, 35.4900, -15.4380



107.4380, -11.1820, -28.6380



107.2410, -63.4100, 3.8060



121.1100, 6.6430, 28.2990

Sweetspot

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



114.6520, 35.4900, -15.4380



171.8410, 13.3890, -5.8670



78.8740, 45.2940, 27.1660



86.0840, 8.3910, -3.3930



219.0000, 0.0000, -0.0000



92.0000, 0.0000, -0.0000

Same Dimension

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



114.6520, 35.4900, -15.4380



142.6200, 55.7110, -23.9770



123.0590, 17.5660, -32.0180



67.0280, 2.7970, -1.1310



96.7060, 52.5930, -22.5350



3.8430, 1.8800, -1.0320

Inverse Universe

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



73.3480, -35.4900, 15.4380



78.3800, -55.7110, 23.9770



65.2400, -16.9700, 32.2300



63.9720, -2.7970, 1.1310



35.7070, -52.3180, 23.0580



1.1570, -1.8800, 1.0320

Previews

White Background



This preview shows how the YIQ color 114.6520, 35.4900, -15.4380 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 114.6520, 35.4900, -15.4380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

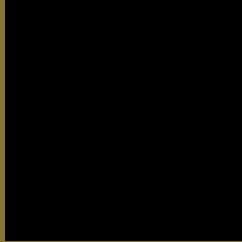
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 114.6520, 35.4900, -15.4380

Background



This preview shows how black text looks on a background with the YIQ color 114.6520, 35.4900, -15.4380.



This preview shows how white text looks on a background with the YIQ color 114.6520, 35.4900,

-15.4380.

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

114.6520, 35.4900, -15.4380

Protanopia

114.1350, 29.5760, -18.3920

Deuteranopia

115.0980, 40.1660, -12.0740



Tritanopia

119.6760, 18.8880, 10.1200

Trichromacy



Original Color

114.6520, 35.4900, -15.4380

Protanomaly

114.4450, 31.6390, -17.2330

Deuteranomaly

114.7880, 38.1030, -13.2330

Tritanomaly

118.1030, 24.5750, 0.6630

Monochromacy



Original Color

114.6520, 35.4900, -15.4380

Achromatopsia

115.0000, -0.0000, 0.0000

Achromatomaly

114.9550, 13.0680, -5.5560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 114.6520, 35.4900, -15.4380 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(139, 115, 49)` looks like.

```
.text, #text, p{  
    color:rgb(139, 115, 49)  
}
```

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(139, 115, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 115, 49) }
```

Border

The CSS property to change the border of an element to YIQ 114.6520, 35.4900, -15.4380 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(139, 115, 49) }
```


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

```
.border{ border-color:rgb(139, 115, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 115, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 115, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 115, 49);  
box-shadow:4px 4px 4px 4px rgb(139, 115,  
49) }
```

Background

The CSS property to change the background color of an element to YIQ 114.6520, 35.4900, -15.4380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 115, 49) }
```

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

```
.background{ background-color: rgb(139,  
115, 49) }
```

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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