

# Converting Colors

YIQ(114.7490, 23.5300,  
-52.0060)

Have a look what the booklet for  
YIQ(114.7490, 23.5300, -52.0060)  
contains.

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# Color

**YIQ(114.7490, 23.5300,  
-52.0060)**

# Conversions

## Conversions Part 1

Format	Color
Hex	698E00
RGB	105, 142, 0
RGB Percent	41%, 56%, 0%
CMY	0.5884, 0.4431, 0.9998
CMYK	0.26, 0.00, 1.00, 0.44
HSL	76°, 100%, 28%
HSV	76°, 100%, 56%
XYZ	15.4960, 22.3512, 3.4990
YIQ	114.7490, 23.5300, -52.0060

# Conversions

## Conversions Part 2

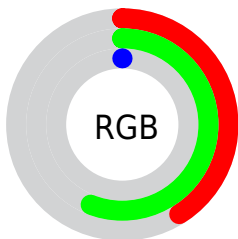
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 142, 37
Decimal	6917632
CIELab	54.40, -30.29, 57.79
CIELCh	54, 65.247, 117.662
Yxy	22.3512, 0.3748, 0.5406
Android (android.graphics.Color)	4285107712 (0xFF698E00)
YUV	114.7490, -56.5713, -8.5499
Hunter-Lab	47.2770, -24.2280, 28.7059

# Details

The YIQ color **114.7490, 23.5300, -52.0060** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **27.2510, -23.5300, 52.0060**, and the grayscale version is **115.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **170.7580, 19.3110, -47.1290**, and **68.9650, 5.9670, -36.5690** is the 20% darker color. If you saturate the color by 10%, you get **114.7490, 23.5300, -52.0060**, and if you desaturate by 10%, it is **117.5410, 21.4200, -46.8040**.

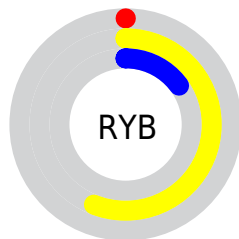
# Distribution



Red (41%)

Green (56%)

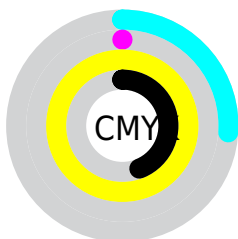
Blue (0%)



Red (0%)

Yellow (56%)

Blue (15%)

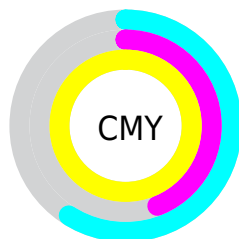


Cyan (26%)

Magenta (0%)

Yellow (100%)

Black (44%)



Cyan (59%)

Magenta (44%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 114.7490, 23.5300, -52.0060 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 114.7490, 23.5300, -52.0060 by changing the saturation by 10% instead.



■ 114.7490, 23.5300,  
-52.0060

■ 114.7490, 23.5300,  
-52.0060

■ 255.0000, -0.0000,  
-0.0000

■ 91.4140, 14.5880,  
-44.1320

■ 170.7580, 19.3110,  
-47.1290

■ 68.9650, 5.9670,  
-36.5690

■ 198.6440, 19.6320,  
-47.4400

■ 46.7930, -4.9920,  
-30.6880

■ 227.4160, 20.2740,  
-48.0620

■ 26.4150, -12.3750,  
-23.5350

■ 240.6380, 28.9370,  
-34.3510

■ 14.0880, -6.6000,  
-12.5520

■ 246.2220, 24.7170,  
-23.9470

■ 0.0000, 0.0000,  
0.0000

■ 249.4140, 15.7290,

-15.2390

■ 252.7200, 6.4200,  
-6.2200

■ 114.7490, 23.5300,  
-52.0060

■ 117.5410, 21.4200,  
-46.8040

■ 120.0340, 18.7140,  
-41.8140

■ 122.9400, 16.2830,  
-36.3010

■ 125.7320, 14.1730,  
-31.0990

■ 128.2250, 11.4670,  
-26.1090

■ 131.0170, 9.3570,  
-20.9070

■ 133.8090, 7.2470,  
-15.7050

■ 136.7150, 4.8160,  
-10.1920

■ 139.2080, 2.1100,  
-5.2020

# Harmonies

## Analogous

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



121.8020, 60.7100, -31.9780



114.7490, 23.5300, -52.0060



96.1610, -62.7110, -58.4470

# Triad

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



114.7490, 23.5300, -52.0060



114.2870, -113.7500, -8.9980



124.2820, 71.4690, 53.9090

# Complementary

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



114.7490, 23.5300, -52.0060



27.2510, -23.5300, 52.0060

# 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.



132.3110, 28.9670, 53.2470



114.7490, 23.5300, -52.0060



108.7080, -115.9530, 3.3990

# Square

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



114.7490, 23.5300, -52.0060



111.6190, -100.7260, -24.7740



130.2950, -35.9980, 35.6660



122.8930, 87.8410, 32.5210



# Rectangle

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



114.7490, 23.5300, -52.0060



102.2540, -75.7340, -48.1980



130.2950, -35.9980, 35.6660



126.7030, 60.0980, 56.2420

# Sweetspot

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



114.7490, 23.5300, -52.0060



173.2450, 8.7150, -20.2850



63.5900, 74.7320, 11.2760



85.5470, 5.2290, -12.1710



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.



114.7490, 23.5300, -52.0060



148.6720, 30.4560, -67.4000



94.1180, -17.5940, -66.6340



69.9030, 1.6510, -2.3890



109.1450, 22.4750, -49.4050



6.4900, 1.3760, -2.9120



# Inverse Universe

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



27.2510, -23.5300, 52.0060



35.3280, -30.4560, 67.4000



48.1810, 18.1900, 66.8460



65.3960, -1.0550, 2.6010



25.8550, -22.4750, 49.4050



1.5100, -1.3760, 2.9120



# Previews

## White Background



This preview shows how the YIQ color 114.7490, 23.5300, -52.0060 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 114.7490, 23.5300, -52.0060 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

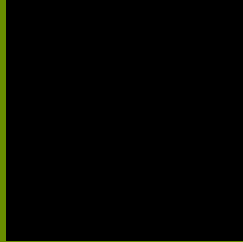
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YIQ 114.7490, 23.5300, -52.0060

## Background



This preview shows how black text looks on a background with the YIQ color 114.7490, 23.5300, -52.0060.



This preview shows how white text looks on a background with the YIQ color 114.7490, 23.5300, -52.0060.

-52.0060.

# 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

114.7490, 23.5300, -52.0060

### Protanopia

119.9640, 51.2660, -37.0380

### Deuteranopia

124.2010, 55.5730, -21.4750



## Tritanopia

128.9540, -11.5540, 0.1420

# Trichromacy



## Original Color

114.7490, 23.5300, -52.0060

## Protanomaly

117.8270, 41.2260, -42.3100

## Deuteranomaly

121.0050, 44.0210, -32.3870

## Tritanomaly

123.8790, 1.0580, -19.1820

# Monochromacy



## Original Color

114.7490, 23.5300, -52.0060

## Achromatopsia

115.0000, -0.0000, 0.0000

## Achromatomaly

114.8860, 8.3480, -19.1400

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 114.7490, 23.5300, -52.0060 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(105, 142, 0)` looks like.

```
.text, #text, p{  
    color:rgb(105, 142, 0)  
}
```

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(105, 142, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 142, 0) }
```

## Border

The CSS property to change the border of an element to YIQ 114.7490, 23.5300, -52.0060 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(105, 142, 0) }
```



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

```
.border{ border-color:rgb(105, 142, 0) }
```

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

Here you see how a box with a 4 pixel rgb(105, 142, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 142, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 142, 0);  
box-shadow:4px 4px 4px 4px rgb(105, 142,  
0) }
```

# Background

The CSS property to change the background color of an element to YIQ 114.7490, 23.5300, -52.0060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 142, 0) }
```

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

```
.background{ background-color: rgb(105,  
142, 0) }
```

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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