

# Converting Colors

YIQ(95.9100, 24.9950, -40.0050)

Have a look what the booklet for  
YIQ(95.9100, 24.9950, -40.0050)  
contains.

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# Color

**YIQ(95.9100, 24.9950,  
-40.0050)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5F7300
RGB	95, 115, 0
RGB Percent	37%, 45%, 0%
CMY	0.6276, 0.5490, 0.9998
CMYK	0.17, 0.00, 1.00, 0.55
HSL	70°, 100%, 23%
HSV	70°, 100%, 45%
XYZ	10.8481, 14.6947, 2.2660
YIQ	95.9100, 24.9950, -40.0050

# Conversions

## Conversions Part 2

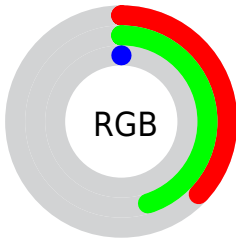
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 115, 20
Decimal	6255360
CIELab	45.21, -21.31, 50.53
CIElCh	45, 54.839, 112.872
Yxy	14.6947, 0.3901, 0.5284
Android (android.graphics.Color)	4284445440 (0xFF5F7300)
YUV	95.9100, -47.2836, -0.7981
Hunter-Lab	38.3337, -16.5700, 23.3288

# Details

The YIQ color **95.9100, 24.9950, -40.0050** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **19.0900, -24.9950, 40.0050**, and the grayscale version is **96.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **149.6480, 22.9770, -36.4710**, and **52.4850, 7.7990, -25.7130** is the 20% darker color. If you saturate the color by 10%, you get **95.9100, 24.9950, -40.0050**, and if you desaturate by 10%, it is **97.8760, 22.3350, -35.8490**.

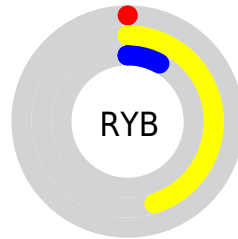
# Distribution



Red (37%)

Green (45%)

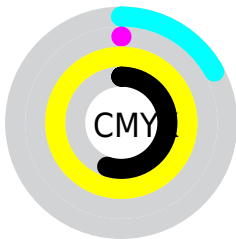
Blue (0%)



Red (0%)

Yellow (45%)

Blue (8%)

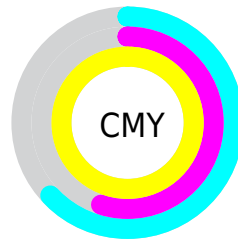


Cyan (17%)

Magenta (0%)

Yellow (100%)

Black (55%)



Cyan (63%)

Magenta (55%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 95.9100, 24.9950, -40.0050 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 95.9100, 24.9950, -40.0050 by changing the saturation by 10% instead.



95.9100, 24.9950,  
-40.0050

95.9100, 24.9950,  
-40.0050

254.8860, 0.3210,  
-0.3110

73.4610, 16.3740,  
-32.4420

149.6480, 22.9770,  
-36.4710

52.4850, 7.7990,  
-25.7130

176.8330, 23.8940,  
-36.5700

31.4980, -2.2430,  
-19.9310

204.6050, 24.5360,  
-37.1920

15.2620, -7.1500,  
-13.5980

233.3770, 25.1780,  
-37.8140

0.0000, 0.0000,  
0.0000

245.0820, 27.9270,  
-27.0570

248.2740, 18.9390,

-18.3490

■ 251.5800, 9.6300,  
-9.3300

■ 95.9100, 24.9950,  
-40.0050

■ 97.8760, 22.3350,  
-35.8490

■ 99.7280, 19.9960,  
-32.0040

■ 101.6940, 17.3360,  
-27.8480

■ 103.5460, 14.9970,  
-24.0030

■ 105.5120, 12.3370,  
-19.8470

■ 107.3640, 9.9980,  
-16.0020

■ 109.3300, 7.3380,  
-11.8460

■ 111.1820, 4.9990,  
-8.0010

■ 113.1480, 2.3390,  
-3.8450

# Harmonies

## Analogous

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



100.5490, 54.4730, -23.5670



95.9100, 24.9950, -40.0050



85.7460, -33.1410, -43.6770

# Triad

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



95.9100, 24.9950, -40.0050



93.8950, -92.1550, -9.3950



104.2040, 53.7730, 44.2130

# Complementary

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



95.9100, 24.9950, -40.0050



19.0900, -24.9950, 40.0050

# 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.



109.5170, 16.2230, 41.9110



95.9100, 24.9950, -40.0050



90.6640, -95.4580, 0.9100

# Square

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



95.9100, 24.9950, -40.0050



91.2100, -80.4610, -23.0930



105.4050, -39.6640, 25.0080



101.3300, 70.3730, 29.7090



# Rectangle

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



95.9100, 24.9950, -40.0050



82.8540, -59.6880, -41.6400



105.4050, -39.6640, 25.0080



105.8700, 43.0900, 45.0900

# Sweetspot

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



95.9100, 24.9950, -40.0050



142.7770, 10.2730, -15.4790



45.5380, 63.3150, 14.4430



72.3130, 6.0080, -9.7680



204.0000, -0.0000, -0.0000



77.0000, -0.0000, -0.0000



# Same Dimension

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



95.9100, 24.9950, -40.0050



125.1260, 32.6540, -52.1620



78.8670, -8.9770, -52.0890



58.0170, 1.3300, -2.0780



101.8130, 26.6460, -42.3940



208.3440, 54.0260, -87.0780



# Inverse Universe

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



19.0900, -24.9950, 40.0050



24.8740, -32.6540, 52.1620



36.1330, 8.9770, 52.0890



53.9830, -1.3300, 2.0780



20.1870, -26.6460, 42.3940



41.6560, -54.0260, 87.0780



# Previews

## White Background



This preview shows how the YIQ color 95.9100, 24.9950, -40.0050 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 95.9100, 24.9950, -40.0050 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

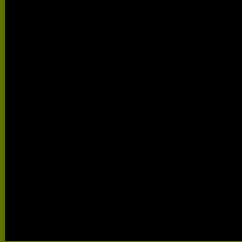
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YIQ 95.9100, 24.9950, -40.0050

## Background



This preview shows how black text looks on a background with the YIQ color 95.9100, 24.9950, -40.0050.



This preview shows how white text looks on a background with the YIQ color 95.9100, 24.9950, -40.0050.

-40.0050.

# 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

95.9100, 24.9950, -40.0050

### Protanopia

98.9880, 42.6910, -30.3090

### Deuteranopia

101.9320, 46.2650, -17.9830



## Tritanopia

107.0150, -4.3560, 1.8520

# Trichromacy



## Original Color

95.9100, 24.9950, -40.0050

## Protanomaly

98.0580, 36.5020, -33.7860

## Deuteranomaly

99.5840, 38.1970, -25.9550

## Tritanomaly

103.0910, 6.5130, -13.4150

# Monochromacy



## Original Color

95.9100, 24.9950, -40.0050

## Achromatopsia

96.0000, -0.0000, 0.0000

## Achromatomaly

96.1190, 9.3100, -14.5460

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 95.9100, 24.9950, -40.0050 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(95, 115, 0)` looks like.

```
.text, #text, p{  
    color:rgb(95, 115, 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(95, 115, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 115, 0) }
```

## Border

The CSS property to change the border of an element to YIQ 95.9100, 24.9950, -40.0050 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(95, 115, 0) }
```



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

```
.border{ border-color:rgb(95, 115, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 115, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 115, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 115, 0);  
box-shadow:4px 4px 4px 4px rgb(95, 115, 0)  
}
```

# Background

The CSS property to change the background color of an element to YIQ 95.9100, 24.9950, -40.0050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 115, 0) }
```

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

```
.background{ background-color: rgb(95, 115,  
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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