

Converting Colors

YIQ(94.5530, -49.9160,
-75.5800)

Have a look what the booklet for
YIQ(94.5530, -49.9160, -75.5800)
contains.

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Color

**YIQ(94.5530, -49.9160,
-75.5800)**

Conversions

Conversions Part 1

Format	Color
Hex	009D15
RGB	0, 157, 21
RGB Percent	0%, 62%, 8%
CMY	1.0000, 0.3840, 0.9177
CMYK	1.00, 0.00, 0.87, 0.38
HSL	128°, 100%, 31%
HSV	128°, 100%, 62%
XYZ	12.2032, 24.1902, 4.7343
YIQ	94.5530, -49.9160, -75.5800

Conversions

Conversions Part 2

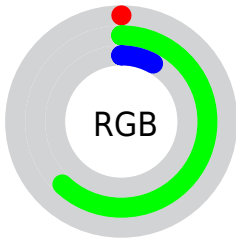
Format	Color
RYB	0, 138, 157
Decimal	40213
CIELab	56.28, -59.30, 54.29
CIELCh	56, 80.398, 137.527
Yxy	24.1902, 0.2967, 0.5882
Android (android.graphics.Color)	4278230293 (0xFF009D15)
YUV	94.5530, -36.2616, -82.9230
Hunter-Lab	49.1835, -41.7825, 28.7213

Details

The YIQ color **94.5530, -49.9160, -75.5800** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **62.4470, 49.9160, 75.5800**, and the grayscale version is **95.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **161.0610, -30.6150, -67.4390**, and **61.0480, -28.6000, -54.3920** is the 20% darker color. If you saturate the color by 10%, you get **94.5530, -49.9160, -75.5800**, and if you desaturate by 10%, it is **100.9330, -44.8740, -67.8340**.

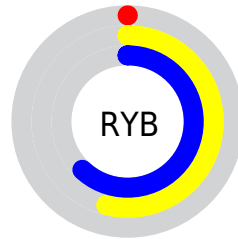
Distribution



Red (0%)

Green (62%)

Blue (8%)



Red (0%)

Yellow (54%)

Blue (62%)

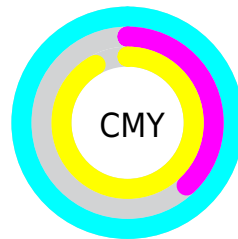


Cyan (100%)

Magenta (0%)

Yellow (87%)

Black (38%)



Cyan (100%)

Magenta (38%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 94.5530, -49.9160, -75.5800 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 94.5530, -49.9160, -75.5800 by changing the saturation by 10% instead.

■ 94.5530, -49.9160,
-75.5800

■ 94.5530, -49.9160,
-75.5800

■ 255.0000, -0.0000,
-0.0000

■ 76.3100, -35.7500,
-67.9900

■ 161.0610,
-30.6150, -67.4390

■ 61.0480, -28.6000,
-54.3920

■ 190.3170,
-28.4600, -67.9480

■ 45.7860, -21.4500,
-40.7940

■ 209.9960,
-22.8220, -59.9900

■ 32.2850, -15.1250,
-28.7650

■ 222.1580,
-13.9300, -44.9220

■ 17.6100, -8.2500,
-15.6900

■ 234.3200, -5.0380,
-29.8540

■ 0.0000, 0.0000,
0.0000

■ 246.5960, 3.5330,

-14.4750

254.0880, 2.5680,
-2.4880

94.5530, -49.9160,
-75.5800

100.9330,
-44.8740, -67.8340

106.9000,
-40.1070, -60.6110

113.2800,
-35.0650, -52.8650

119.5460,
-29.7020, -45.4300

125.9260,
-24.6600, -37.6840

■ 132.0070,
-20.2140, -30.1500

■ 138.2730,
-14.8510, -22.7150

■ 144.6530, -9.8090,
-14.9690

■ 150.6200, -5.0420,
-7.7460

Harmonies

Analogous

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



121.9030, 34.9000, -48.8120



94.5530, -49.9160, -75.5800



107.3090, -77.5670, -53.5270

Triad

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



94.5530, -49.9160, -75.5800



118.2940, -123.6550, -0.1910



115.0060, 107.5970, 59.9570

Complementary

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



94.5530, -49.9160, -75.5800



62.4470, 49.9160, 75.5800

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.



121.6320, 77.1960, 76.7800



94.5530, -49.9160, -75.5800



111.0720, -104.8140, 16.2900

Square

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



94.5530, -49.9160, -75.5800



122.2260, -120.9480, -10.7080



136.8380, 11.7260, 62.8460



123.9280, 105.9550, 12.6030

Rectangle

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



94.5530, -49.9160, -75.5800



114.0690, -93.8460, -39.3340



136.8380, 11.7260, 62.8460



113.5190, 102.1390, 70.7710

Sweetspot

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



94.5530, -49.9160, -75.5800



179.7190, -19.3430, -29.4150



132.8230, 37.8810, -53.2790



87.2890, -11.7800, -17.7960



230.0000, -0.0000, 0.0000



102.0000, -0.0000, -0.0000

Same Dimension

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



94.5530, -49.9160, -75.5800



122.8260, -64.7670, -98.2950



103.4450, -74.9540, -51.3220



75.8100, -2.5210, -3.8730



86.1070, -45.4240, -68.8800



9.0330, -4.7670, -7.2230

Inverse Universe

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



62.4470, 49.9160, 75.5800



81.1740, 64.7670, 98.2950



53.5550, 74.9540, 51.3220



74.1900, 2.5210, 3.8730



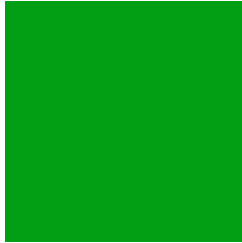
56.8930, 45.4240, 68.8800



5.9670, 4.7670, 7.2230

Previews

White Background



This preview shows how the YIQ color 94.5530, -49.9160, -75.5800 looks on a white background.

Color Contrast Check

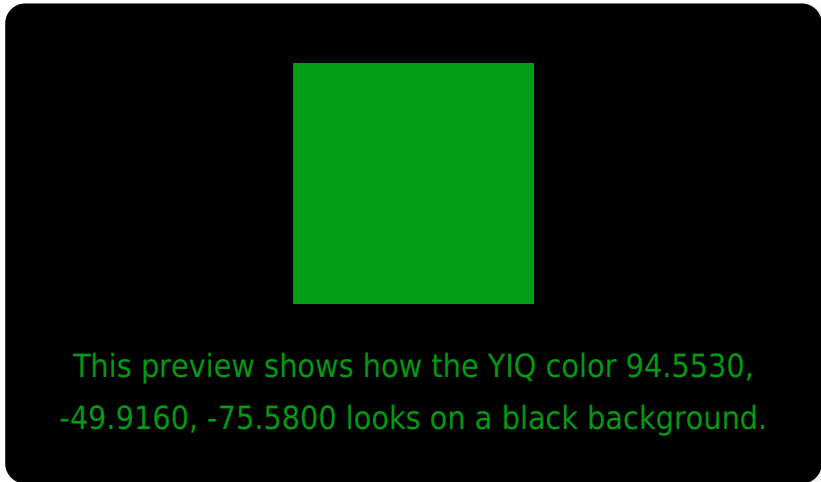
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 94.5530, -49.9160, -75.5800

Background



This preview shows how black text looks on a background with the YIQ color 94.5530, -49.9160, -75.5800.



This preview shows how white text looks on a background with the YIQ color 94.5530, -49.9160,

-75.5800.

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

94.5530, -49.9160, -75.5800

Protanopia

125.8760, 48.6980, -34.5500

Deuteranopia

129.2270, 52.6840, -18.6760



Tritanopia

123.4480, -51.5320, -13.2280

Trichromacy



Original Color

94.5530, -49.9160, -75.5800



Protanomaly

114.4690, 12.7550, -49.4610



Deuteranomaly

116.6470, 15.5500, -39.5380



Tritanomaly

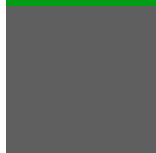
112.9200, -50.8860, -35.9580

Monochromacy



Original Color

94.5530, -49.9160, -75.5800



Achromatopsia

95.0000, -0.0000, -0.0000



Achromatomaly

94.9580, -18.5180, -27.8460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 94.5530, -49.9160, -75.5800 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(0, 157, 21)` looks like.

```
.text, #text, p{  
    color:rgb(0, 157, 21)  
}
```

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(0, 157, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 157, 21) }
```

Border

The CSS property to change the border of an element to YIQ 94.5530, -49.9160, -75.5800 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(0, 157, 21) }
```


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

```
.border{ border-color:rgb(0, 157, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 157, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 157, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 157, 21);  
box-shadow:4px 4px 4px 4px rgb(0, 157, 21)  
}
```

Background

The CSS property to change the background color of an element to YIQ 94.5530, -49.9160, -75.5800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 157, 21) }
```

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

```
.background{ background-color: rgb(0, 157,  
21) }
```

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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