

Converting Colors

YIQ(94.8720, 29.2990, -7.8610)

Have a look what the booklet for
YIQ(94.8720, 29.2990, -7.8610)
contains.

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Color

**YIQ(94.8720, 29.2990,
-7.8610)**

Conversions

Conversions Part 1

Format	Color
Hex	765C31
RGB	118, 92, 49
RGB Percent	46%, 36%, 19%
CMY	0.5372, 0.6392, 0.8077
CMYK	0.00, 0.22, 0.58, 0.54
HSL	37°, 41%, 33%
HSV	37°, 58%, 46%
XYZ	11.8538, 11.7266, 4.5487
YIQ	94.8720, 29.2990, -7.8610

Conversions

Conversions Part 2

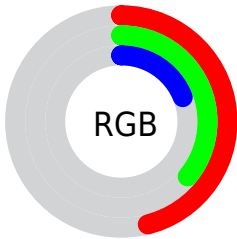
Format	Color
R_{YB}	91, 118, 49
Decimal	7756849
CIE Lab	40.78, 5.08, 28.50
CIE LCh	41, 28.946, 79.900
Yxy	11.7266, 0.4214, 0.4169
Android (android.graphics.Color)	4285946929 (0xFF765C31)
YUV	94.8720, -22.6149, 20.2833
Hunter-Lab	34.2442, 1.8614, 16.0954

Details

The YIQ color **94.8720, 29.2990, -7.8610** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **72.1280, -29.2990, 7.8610**, and the grayscale version is **95.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **145.7260, 32.6460, -7.9460**, and **47.2630, 26.6400, -9.2320** is the 20% darker color. If you saturate the color by 10%, you get **91.1560, 34.2510, -9.5010**, and if you desaturate by 10%, it is **98.5880, 24.3470, -6.2210**.

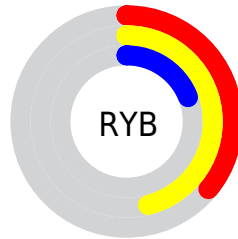
Distribution



Red (46%)

Green (36%)

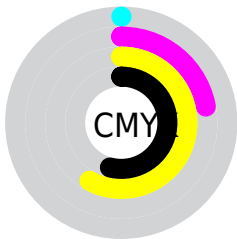
Blue (19%)



Red (36%)

Yellow (46%)

Blue (19%)

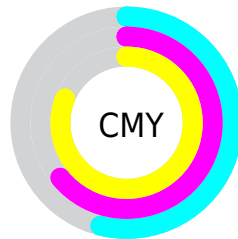


Cyan (0%)

Magenta (22%)

Yellow (58%)

Black (54%)



Cyan (54%)

Magenta (64%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 94.8720, 29.2990, -7.8610 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 94.8720, 29.2990, -7.8610 by changing the saturation by 10% instead.

■ 94.8720, 29.2990,
-7.8610

■ 94.8720, 29.2990,
-7.8610

■ 255.0000, -0.0000,
-0.0000

■ 71.0890, 27.1900,
-8.1860

■ 145.7260, 32.6460,
-7.9460

■ 47.3770, 26.3190,
-8.9210

■ 172.3240, 33.8380,
-7.5220

■ 28.1190, 18.4780,
-4.4820

■ 200.3950, 35.0760,
-7.9320

■ 4.7840, 9.5360,
3.3920

■ 227.5690, 34.5260,
-8.9780

■ 0.0000, 0.0000,
0.0000

■ 247.1970, 17.8380,
-14.9140

■ 252.1500, 8.0250,

-7.7750

■ 94.8720, 29.2990,
-7.8610

■ 94.8720, 29.2990,
-7.8610

■ 91.1560, 34.2510,
-9.5010

■ 98.5880, 24.3470,
-6.2210

■ 86.8530, 39.4780,
-10.6180

■ 102.8910, 19.1200,
-5.1040

■ 83.2510, 44.1090,
-11.9470

■ 106.4930, 14.4890,
-3.7750

■ 78.9480, 49.3360,
-13.0640

■ 110.7960, 9.2620,
-2.6580

■ 78.1330, 50.2530,
-13.1630

■ 114.5120, 4.3100,
-1.0180

■ 118.8150, -0.9170,
0.0990

■ 122.5310, -5.8690,
1.7390

■ 126.7200,
-10.7750, 2.5450

■ 130.4360,
-15.7270, 4.1850

Harmonies

Analogous

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



96.6270, 37.7790, 3.6590



94.8720, 29.2990, -7.8610



92.8050, 13.0700, -16.6100

Triad

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



94.8720, 29.2990, -7.8610



76.0500, -65.3310, -21.9630



99.0680, 6.4610, 20.5810

Complementary

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



94.8720, 29.2990, -7.8610



72.1280, -29.2990, 7.8610

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.



96.3790, -19.5800, 13.4440



94.8720, 29.2990, -7.8610



77.2700, -71.5220, -14.3860

Square

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



94.8720, 29.2990, -7.8610



82.8820, -38.5550, -22.6430



87.7340, -48.9210, 0.0310



98.7190, 26.4970, 20.9050

Rectangle

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



94.8720, 29.2990, -7.8610



91.0960, -1.0510, -19.5070



87.7340, -48.9210, 0.0310



98.8220, -1.6540, 18.9700

Sweetspot

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



94.8720, 29.2990, -7.8610



143.9380, 11.7380, -3.4780



72.5950, 32.7780, 22.7140



70.9530, 7.3820, -1.6260



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.



94.8720, 29.2990, -7.8610



117.3220, 45.3470, -12.3570



107.7420, 17.3810, -23.1550



56.5550, 2.7510, -0.2970



81.0900, 51.8120, -13.8840



166.3220, 106.1000, -28.5880

Inverse Universe

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



72.1280, -29.2990, 7.8610



81.6780, -45.3470, 12.3570



59.2580, -17.3810, 23.1550



54.8580, -2.4760, 0.8200



40.9100, -51.8120, 13.8840



83.6780, -106.1000, 28.5880

Previews

White Background



This preview shows how the YIQ color 94.8720, 29.2990, -7.8610 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 94.8720, 29.2990, -7.8610 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 94.8720, 29.2990, -7.8610

Background



This preview shows how black text looks on a background with the YIQ color 94.8720, 29.2990, -7.8610.



This preview shows how white text looks on a background with the YIQ color 94.8720, 29.2990,

-7.8610.

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

94.8720, 29.2990, -7.8610

Protanopia

93.8600, 20.4050, -11.8750

Deuteranopia

94.8720, 29.2990, -7.8610



Tritanopia

98.2630, 18.6130, 9.5970

Trichromacy



Original Color

94.8720, 29.2990, -7.8610

Protanomaly

94.3550, 23.3850, -10.8150

Deuteranomaly

94.8720, 29.2990, -7.8610

Tritanomaly

97.3140, 22.6030, 3.3630

Monochromacy



Original Color

94.8720, 29.2990, -7.8610

Achromatopsia

95.0000, -0.0000, -0.0000

Achromatomaly

94.8670, 10.5000, -3.0680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 94.8720, 29.2990, -7.8610 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(118, 92, 49)` looks like.

```
.text, #text, p{  
    color:rgb(118, 92, 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(118, 92, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 92, 49) }
```

Border

The CSS property to change the border of an element to YIQ 94.8720, 29.2990, -7.8610 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(118, 92, 49) }
```


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

```
.border{ border-color:rgb(118, 92, 49) }
```

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

Here you see how a box with a 4 pixel rgb(118, 92, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 92, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 92, 49);  
box-shadow:4px 4px 4px 4px rgb(118, 92,  
49) }
```

Background

The CSS property to change the background color of an element to YIQ 94.8720, 29.2990, -7.8610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 92, 49) }
```

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

```
.background{ background-color: rgb(118, 92,  
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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