

Converting Colors

YIQ(99.0930, 30.5350, 2.7830)

Have a look what the booklet for
YIQ(99.0930, 30.5350, 2.7830)
contains.

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Color

**YIQ(99.0930, 30.5350,
2.7830)**

Conversions

Conversions Part 1

Format	Color
Hex	825946
RGB	130, 89, 70
RGB Percent	51%, 35%, 27%
CMY	0.4901, 0.6510, 0.7254
CMYK	0.00, 0.32, 0.46, 0.49
HSL	19°, 30%, 39%
HSV	19°, 46%, 51%
XYZ	13.8868, 12.3321, 7.4485
YIQ	99.0930, 30.5350, 2.7830

Conversions

Conversions Part 2

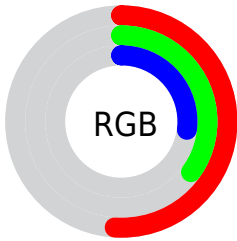
Format	Color
R_{YB}	130, 98, 70
Decimal	8542534
CIE Lab	41.74, 14.47, 17.75
CIE LCh	42, 22.903, 50.820
Yxy	12.3321, 0.4125, 0.3663
Android (android.graphics.Color)	4286732614 (0xFF825946)
YUV	99.0930, -14.3428, 27.1054
Hunter-Lab	35.1170, 9.1318, 12.0062

Details

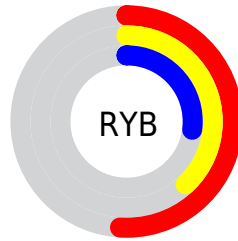
The YIQ color **99.0930, 30.5350, 2.7830** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **100.9070, -30.5350, -2.7830**, and the grayscale version is **99.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **150.3600, 34.1570, 3.2210**, and **51.5270, 26.3170, 2.1330** is the 20% darker color. If you saturate the color by 10%, you get **92.3280, 37.1830, 3.4470**, and if you desaturate by 10%, it is **105.8580, 23.8870, 2.1190**.

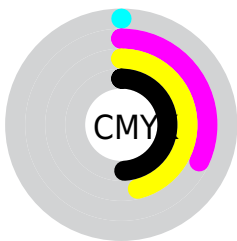
Distribution



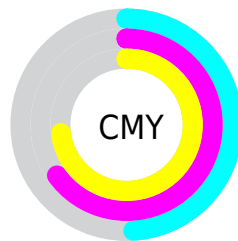
- Red (51%)
- Green (35%)
- Blue (27%)



- Red (51%)
- Yellow (38%)
- Blue (27%)



- Cyan (0%)
- Magenta (32%)
- Yellow (46%)
- Black (49%)





- Cyan (49%)
- Magenta (65%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 99.0930, 30.5350, 2.7830 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 99.0930, 30.5350, 2.7830 by changing the saturation by 10% instead.


 99.0930, 30.5350,
2.7830


 99.0930, 30.5350,
2.7830


255.0000, -0.0000,
-0.0000


 74.7230, 28.7010,
2.9810


 150.4740, 33.8360,
3.5320


 51.5270, 26.3170,
2.1330

 177.5450, 35.0740,
3.1220


 29.0600, 26.1340,
-0.0580

 205.1430, 36.2660,
3.5460

 9.5680, 19.0720,
6.7840

 228.5440, 27.6470,
0.0550

 0.0000, 0.0000,
0.0000

 248.1720, 10.9590,
-5.8810

■ 99.0930, 30.5350,
2.7830

■ 99.0930, 30.5350,
2.7830

■ 92.3280, 37.1830,
3.4470

■ 105.8580, 23.8870,
2.1190

■ 85.5630, 43.8310,
4.1110

■ 112.6230, 17.2390,
1.4550

■ 78.7980, 50.4790,
4.7750

■ 119.3880, 10.5910,
0.7910

■ 72.0330, 57.1270,
5.4390

■ 126.1530, 3.9430,
0.1270

■ 65.8550, 63.5000,
5.5800

■ 132.3310, -2.4300,
-0.0140

■ 62.9370, 66.2050,
6.1170

■ 139.0960, -9.0780,
-0.6780

■ 145.8610,
-15.7260, -1.3420

■ 152.6260,

-22.3740, -2.0060

■ 159.3910,
-29.0220, -2.6700

Harmonies

Analogous

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



100.3630, 30.0750, 11.1230



99.0930, 30.5350, 2.7830



97.7020, 24.0260, -5.9100

Triad

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



99.0930, 30.5350, 2.7830



89.7310, -27.6440, -16.6360



99.4350, -13.9860, 11.1820

Complementary

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



99.0930, 30.5350, 2.7830



100.9070, -30.5350, -2.7830

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.



94.1010, -33.8370, 1.9950



99.0930, 30.5350, 2.7830



86.8030, -45.3420, -15.2780

Square

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



99.0930, 30.5350, 2.7830



93.3820, -7.6080, -16.3120



87.7630, -47.8650, -8.0970



101.1340, 6.0950, 16.1990

Rectangle

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



99.0930, 30.5350, 2.7830



97.0490, 15.4990, -11.0690



87.7630, -47.8650, -8.0970



97.7330, -20.8170, 8.3270

Sweetspot

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



99.0930, 30.5350, 2.7830



155.9860, 11.7830, 1.2150



92.7280, 22.2780, 25.7820



76.5340, 7.2440, 0.8760



212.0000, -0.0000, -0.0000



84.0000, -0.0000, -0.0000

Same Dimension

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



99.0930, 30.5350, 2.7830



120.5310, 46.8570, 4.3370



116.1160, 22.5600, -12.3840



60.2670, 3.6220, 0.4380



61.7520, 65.2880, 6.2160



0.0000, 0.0000, 0.0000

Inverse Universe

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



100.9070, -30.5350, -2.7830



123.4690, -46.8570, -4.3370



83.8840, -22.5600, 12.3840



60.7330, -3.6220, -0.4380



65.6610, -65.0130, -5.6930



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 99.0930, 30.5350, 2.7830 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 99.0930, 30.5350, 2.7830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

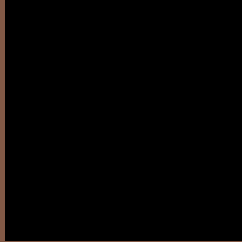
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 99.0930, 30.5350, 2.7830

Background



This preview shows how black text looks on a background with the YIQ color 99.0930, 30.5350, 2.7830.



This preview shows how white text looks on a background with the YIQ color 99.0930, 30.5350,

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

99.0930, 30.5350, 2.7830

Protanopia

98.2430, 12.1970, -6.2910

Deuteranopia

98.9130, 22.0540, -3.2100



Tritanopia

100.4380, 25.4900, 11.6180

Trichromacy



Original Color

99.0930, 30.5350, 2.7830

Protanomaly

98.4720, 18.9820, -2.6020

Deuteranomaly

98.9350, 24.9880, -1.3160

Tritanomaly

99.8140, 27.1870, 8.3950

Monochromacy



Original Color

99.0930, 30.5350, 2.7830

Achromatopsia

99.0000, -0.0000, 0.0000

Achromatomaly

98.6870, 11.1870, 1.0030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 99.0930, 30.5350, 2.7830 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(130, 89, 70)` looks like.

```
.text, #text, p{  
    color:rgb(130, 89, 70)  
}
```

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(130, 89, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 89, 70) }
```

Border

The CSS property to change the border of an element to YIQ 99.0930, 30.5350, 2.7830 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(130, 89, 70) }
```


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

```
.border{ border-color:rgb(130, 89, 70) }
```

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

Here you see how a box with a 4 pixel rgb(130, 89, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 89, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 89, 70);  
box-shadow:4px 4px 4px 4px rgb(130, 89,  
70) }
```

Background

The CSS property to change the background color of an element to YIQ 99.0930, 30.5350, 2.7830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 89, 70) }
```

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

```
.background{ background-color: rgb(130, 89,  
70) }
```

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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