

Converting Colors

YIQ(118.2690, 35.6710, -2.1930)

Have a look what the booklet for
YIQ(118.2690, 35.6710, -2.1930)
contains.

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Color

**YIQ(118.2690, 35.6710,
-2.1930)**

Conversions

Conversions Part 1

Format	Color
Hex	976E4B
RGB	151, 110, 75
RGB Percent	59%, 43%, 29%
CMY	0.4078, 0.5687, 0.7057
CMYK	0.00, 0.27, 0.50, 0.41
HSL	28°, 34%, 44%
HSV	28°, 50%, 59%
XYZ	19.6116, 18.2379, 9.1509
YIQ	118.2690, 35.6710, -2.1930

Conversions

Conversions Part 2

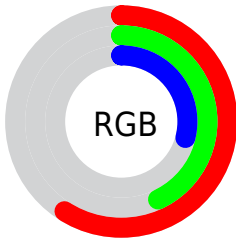
Format	Color
RYB	151, 140, 75
Decimal	9924171
CIELab	49.78, 11.91, 25.81
CIElCh	50, 28.428, 65.235
Yxy	18.2379, 0.4173, 0.3880
Android (android.graphics.Color)	4288114251 (0xFF976E4B)
YUV	118.2690, -21.3316, 28.7051
Hunter-Lab	42.7058, 7.2366, 17.1895

Details

The YIQ color **118.2690, 35.6710, -2.1930** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **107.7310, -35.6710, 2.1930**, and the grayscale version is **118.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **171.1230, 39.0180, -2.2780**, and **69.1160, 31.7280, -2.3200** is the 20% darker color. If you saturate the color by 10%, you get **111.8630, 42.6860, -2.6740**, and if you desaturate by 10%, it is **124.6750, 28.6560, -1.7120**.

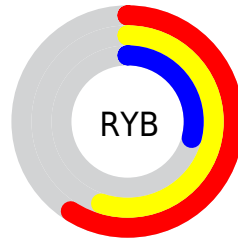
Distribution



Red (59%)

Green (43%)

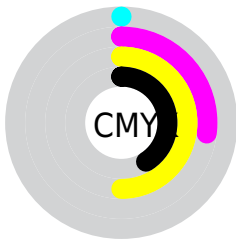
Blue (29%)



Red (59%)

Yellow (55%)

Blue (29%)

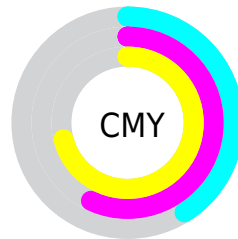


Cyan (0%)

Magenta (27%)

Yellow (50%)

Black (41%)



Cyan (41%)

Magenta (57%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 118.2690, 35.6710, -2.1930 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 118.2690, 35.6710, -2.1930 by changing the saturation by 10% instead.

■ 118.2690, 35.6710,
-2.1930

■ 118.2690, 35.6710,
-2.1930

■ 255.0000, -0.0000,
-0.0000

■ 93.4860, 33.5620,
-2.5180

■ 171.1230, 39.0180,
-2.2780

■ 69.1160, 31.7280,
-2.3200

■ 198.6070, 40.5310,
-2.1650

■ 45.8060, 29.6650,
-3.4790

■ 223.2150, 35.7630,
-3.8610

■ 26.0920, 23.1080,
-0.2840

■ 243.4300, 18.8000,
-10.3200

■ 6.8770, 13.7080,
4.8760

■ 252.4920, 7.0620,
-6.8420

■ 0.0000, 0.0000,
0.0000

■ 118.2690, 35.6710,
-2.1930

■ 118.2690, 35.6710,
-2.1930

■ 111.8630, 42.6860,
-2.6740

■ 124.6750, 28.6560,
-1.7120

■ 105.4570, 49.7010,
-3.1550

■ 131.0810, 21.6410,
-1.2310

■ 99.0510, 56.7160,
-3.6360

■ 137.4870, 14.6260,
-0.7500

■ 92.0580, 64.0060,
-3.5940

■ 144.4800, 7.3360,
-0.7920

■ 85.6520, 71.0210,
-4.0750

■ 151.0000, -0.0000,
0.0000

■ 157.4060, -7.0150,
0.4810

■ 163.8120,
-14.0300, 0.9620

■ 170.2180,

-21.0450, 1.4430

■ 176.6240,
-28.0600, 1.9240

Harmonies

Analogous

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



119.9850, 39.8870, 9.5110



118.2690, 35.6710, -2.1930



116.1160, 22.5600, -12.3840

Triad

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



118.2690, 35.6710, -2.1930



103.3630, -50.1550, -21.6670



121.1420, -5.5510, 18.0090

Complementary

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



118.2690, 35.6710, -2.1930



107.7310, -35.6710, 2.1930

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.



115.9860, -31.7750, 8.6810



118.2690, 35.6710, -2.1930



98.2220, -71.5670, -19.0790

Square

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



118.2690, 35.6710, -2.1930



109.7930, -22.1870, -21.9230



107.0810, -57.4480, -5.1280



121.7550, 17.6480, 21.5840

Rectangle

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



118.2690, 35.6710, -2.1930



114.4240, 9.7690, -17.3590



107.0810, -57.4480, -5.1280



120.0700, -14.2160, 15.3520

Sweetspot

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



118.2690, 35.6710, -2.1930



183.3020, 13.7090, -0.6510



102.5120, 31.8140, 29.1740



91.7790, 7.9320, -0.5800



227.0000, -0.0000, -0.0000



99.0000, -0.0000, 0.0000

Same Dimension

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



118.2690, 35.6710, -2.1930



145.6810, 54.8820, -3.4380



139.9880, 25.4960, -21.5440



73.1530, 3.9430, 0.1270



80.0150, 65.5650, -4.3150



7.4090, 6.0980, -0.3820

Inverse Universe

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



107.7310, -35.6710, 2.1930



129.3190, -54.8820, 3.4380



86.0120, -25.4960, 21.5440



72.2600, -3.6680, 0.3960



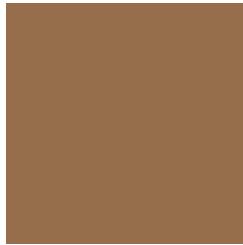
60.5720, -65.8400, 3.7920



5.5910, -6.0980, 0.3820

Previews

White Background



This preview shows how the YIQ color 118.2690, 35.6710, -2.1930 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 118.2690, 35.6710, -2.1930 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 118.2690, 35.6710, -2.1930

Background



This preview shows how black text looks on a background with the YIQ color 118.2690, 35.6710, -2.1930.



This preview shows how white text looks on a background with the YIQ color 118.2690, 35.6710,

-2.1930.

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

118.2690, 35.6710, -2.1930

Protanopia

117.3160, 19.1210, -10.6310

Deuteranopia

117.5240, 30.3990, -5.7690



Tritanopia

120.5630, 26.6360, 12.8760

Trichromacy



Original Color

118.2690, 35.6710, -2.1930

Protanomaly

117.8330, 25.0350, -7.6770

Deuteranomaly

117.8340, 32.4620, -4.6100

Tritanomaly

119.8420, 29.9840, 7.2640

Monochromacy



Original Color

118.2690, 35.6710, -2.1930

Achromatopsia

118.0000, 0.0000, -0.0000

Achromatomaly

118.0030, 13.1130, -0.8630

CSS Examples

Text

The CSS property to change the color of the text to YIQ 118.2690, 35.6710, -2.1930 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(151, 110, 75)` looks like.

```
.text, #text, p{  
    color:rgb(151, 110, 75)  
}
```

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(151, 110, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 110, 75) }
```

Border

The CSS property to change the border of an element to YIQ 118.2690, 35.6710, -2.1930 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(151, 110, 75) }
```


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

```
.border{ border-color:rgb(151, 110, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 110, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 110, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 110, 75);  
box-shadow:4px 4px 4px 4px rgb(151, 110,  
75) }
```

Background

The CSS property to change the background color of an element to YIQ 118.2690, 35.6710, -2.1930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 110, 75) }
```

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

```
.background{ background-color: rgb(151,  
110, 75) }
```

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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