

Converting Colors

YIQ(119.4000, 71.0700,
-21.4900)

Have a look what the booklet for
YIQ(119.4000, 71.0700, -21.4900)
contains.

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Color

**YIQ(119.4000, 71.0700,
-21.4900)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | AE7204 |
| RGB | 174, 114, 4 |
| RGB Percent | 68%, 45%, 2% |
| CMY | 0.3176, 0.5530, 0.9839 |
| CMYK | 0.00, 0.35, 0.98, 0.32 |
| HSL | 39°, 95%, 35% |
| HSV | 39°, 98%, 68% |
| XYZ | 23.4966, 21.0387, 2.9400 |
| YIQ | 119.4000, 71.0700, -21.4900 |

Conversions

Conversions Part 2

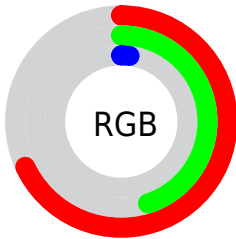
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 97, 174, 4 |
| Decimal | 11432452 |
| CIE _{Lab} | 52.99, 16.43, 58.95 |
| CIE _{LCh} | 53, 61.196, 74.430 |
| Yxy | 21.0387, 0.4949, 0.4431 |
| Android (android.graphics.Color) | 4289622532 (0xFFAE7204) |
| YUV | 119.4000, -56.8922, 47.8842 |
| Hunter-Lab | 45.8680, 11.1708, 28.3072 |

Details

The YIQ color **119.4000, 71.0700, -21.4900** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **58.6000, -71.0700, 21.4900**, and the grayscale version is **120.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **175.0460, 72.3070, -16.3730**, and **73.4260, 50.9860, -9.9260** is the 20% darker color. If you saturate the color by 10%, you get **118.3570, 72.6290, -22.2110**, and if you desaturate by 10%, it is **124.9740, 63.6420, -19.0300**.

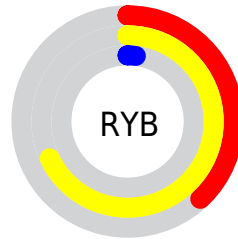
Distribution



Red (68%)

Green (45%)

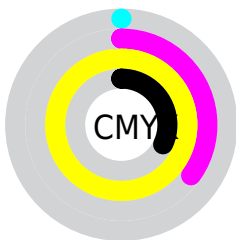
Blue (2%)



Red (38%)

Yellow (68%)

Blue (2%)

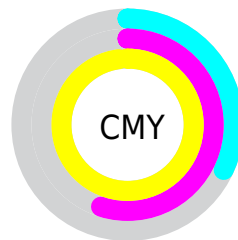


Cyan (0%)

Magenta (35%)

Yellow (98%)

Black (32%)



Cyan (32%)

Magenta (55%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 119.4000, 71.0700, -21.4900 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 119.4000, 71.0700, -21.4900 by changing the saturation by 10% instead.

■ 119.4000, 71.0700,
-21.4900

■ 119.4000, 71.0700,
-21.4900

■ 255.0000, -0.0000,
-0.0000

■ 95.5980, 61.9450,
-15.8070

■ 175.0460, 72.3070,
-16.3730

■ 73.4260, 50.9860,
-9.9260

■ 200.2520, 68.7310,
-17.6450

■ 51.8410, 39.7520,
-4.5680

■ 219.6520, 52.6850,
-24.2030

■ 31.4410, 29.4350,
0.6910

■ 239.1660, 36.3180,
-30.4500

■ 11.0630, 22.0520,
7.8440

■ 245.8800, 25.6800,
-24.8800

■ 0.0000, 0.0000,
0.0000

■ 249.0720, 16.6920,

-16.1720

■ 252.3780, 7.3830,
-7.1530

■ 119.4000, 71.0700,
-21.4900

■ 119.4000, 71.0700,
-21.4900

■ 118.3570, 72.6290,
-22.2110

■ 124.9740, 63.6420,
-19.0300

■ 130.4340, 56.5350,
-16.8810

■ 135.8940, 49.4280,
-14.7320

■ 142.0550, 41.7250,
-12.7950

■ 147.5150, 34.6180,
-10.6460

■ 153.0890, 27.1900,
-8.1860

■ 158.5490, 20.0830,
-6.0370

■ 164.0090, 12.9760,
-3.8880

■ 169.5830, 5.5480,
-1.4280

Harmonies

Analogous

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



121.4660, 81.0130, 13.0850



119.4000, 71.0700, -21.4900



115.7560, 39.9880, -41.9000

Triad

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



119.4000, 71.0700, -21.4900



105.8510, -89.9960, -32.0120



130.4540, 3.3390, 44.1310

Complementary

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



119.4000, 71.0700, -21.4900



58.6000, -71.0700, 21.4900

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.



116.8340, -71.8490, 19.0870



119.4000, 71.0700, -21.4900



109.5620, -104.5790, -15.5150

Square

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



119.4000, 71.0700, -21.4900



98.4070, -71.7910, -48.0710



108.1720, -111.6880, -2.3120



125.4630, 51.8460, 51.6060

Rectangle

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



119.4000, 71.0700, -21.4900



112.1680, 6.4730, -45.7430



108.1720, -111.6880, -2.3120



129.0430, -17.6130, 38.3790

Sweetspot

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



119.4000, 71.0700, -21.4900



205.9750, 27.5110, -8.4970



61.8980, 81.4180, 55.3220



102.2220, 16.6900, -5.1180



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



119.4000, 71.0700, -21.4900



154.1620, 94.8670, -28.7570



147.7430, 40.8620, -57.7460



84.2130, 3.7140, -1.2300



101.7890, 62.7250, -18.9310



15.6820, 9.5830, -2.9690

Inverse Universe

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



58.6000, -71.0700, 21.4900



72.8380, -94.8670, 28.7570



30.2570, -40.8620, 57.7460



80.7870, -3.7140, 1.2300



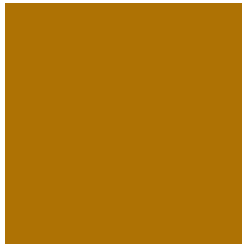
48.2110, -62.7250, 18.9310



7.3180, -9.5830, 2.9690

Previews

White Background



This preview shows how the YIQ color 119.4000, 71.0700, -21.4900 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



This preview shows how the YIQ color 119.4000, 71.0700, -21.4900 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 119.4000, 71.0700, -21.4900

Background



This preview shows how black text looks on a background with the YIQ color 119.4000, 71.0700, -21.4900.



This preview shows how white text looks on a background with the YIQ color 119.4000, 71.0700, -21.4900.

-21.4900.

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

119.4000, 71.0700, -21.4900

Protanopia

118.7880, 46.1300, -32.0620

Deuteranopia

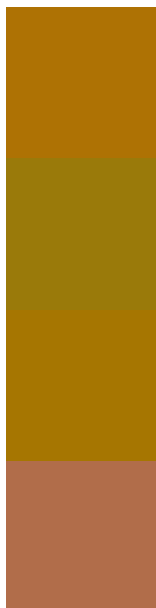
118.5790, 62.9560, -28.6280



Tritanopia

128.7390, 40.9400, 17.9640

Trichromacy



Original Color

119.4000, 71.0700, -21.4900

Protanomaly

118.8000, 55.0240, -28.0480

Deuteranomaly

119.0140, 66.1650, -26.2110

Tritanomaly

125.3420, 51.7630, 3.5310

Monochromacy



Original Color

119.4000, 71.0700, -21.4900

Achromatopsia

119.0000, -0.0000, 0.0000

Achromatomaly

119.0180, 25.9520, -7.7760

CSS Examples

Text

The CSS property to change the color of the text to YIQ 119.4000, 71.0700, -21.4900 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(174, 114, 4)` looks like.

```
.text, #text, p{  
    color:rgb(174, 114, 4)  
}
```

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(174, 114, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 114, 4) }
```

Border

The CSS property to change the border of an element to YIQ 119.4000, 71.0700, -21.4900 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(174, 114, 4) }
```


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

```
.border{ border-color:rgb(174, 114, 4) }
```

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

Here you see how a box with a 4 pixel rgb(174, 114, 4) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 114, 4); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 114, 4);  
box-shadow:4px 4px 4px 4px rgb(174, 114,  
4) }
```

Background

The CSS property to change the background color of an element to YIQ 119.4000, 71.0700, -21.4900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 114, 4) }
```

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

```
.background{ background-color: rgb(174,  
114, 4) }
```

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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