

Converting Colors

YIQ(110.9750, 36.6790, 1.5670)

Have a look what the booklet for
YIQ(110.9750, 36.6790, 1.5670)
contains.

YIQ(110.9750, 36.6790, 1.5670)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(110.9750, 36.6790,
1.5670)**

Conversions

Conversions Part 1

Format	Color
Hex	936449
RGB	147, 100, 73
RGB Percent	58%, 39%, 29%
CMY	0.4234, 0.6079, 0.7136
CMYK	0.00, 0.32, 0.50, 0.42
HSL	22°, 34%, 43%
HSV	22°, 50%, 58%
XYZ	17.7962, 15.7974, 8.4220
YIQ	110.9750, 36.6790, 1.5670

Conversions

Conversions Part 2

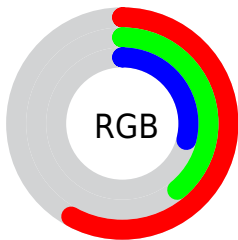
Format	Color
R_{YB}	147, 116, 73
Decimal	9659465
CIE Lab	46.71, 15.75, 22.90
CIE LCh	47, 27.797, 55.478
Yxy	15.7974, 0.4236, 0.3760
Android (android.graphics.Color)	4287849545 (0xFF936449)
YUV	110.9750, -18.7217, 31.5939
Hunter-Lab	39.7460, 10.3678, 15.2590

Details

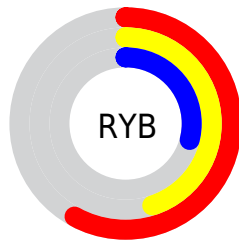
The YIQ color **110.9750, 36.6790, 1.5670** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **109.0250, -36.6790, -1.5670**, and the grayscale version is **111.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **163.2420, 40.3010, 2.0050**, and **62.5230, 32.1400, 1.2280** is the 20% darker color. If you saturate the color by 10%, you get **103.9820, 43.9690, 1.6090**, and if you desaturate by 10%, it is **117.9680, 29.3890, 1.5250**.

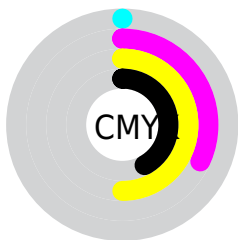
Distribution



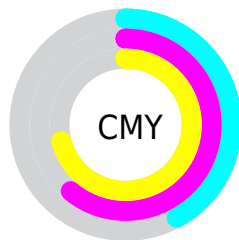
- Red (58%)
- Green (39%)
- Blue (29%)



- Red (58%)
- Yellow (45%)
- Blue (29%)



- Cyan (0%)
- Magenta (32%)
- Yellow (50%)
- Black (42%)





- Cyan (42%)
- Magenta (61%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 110.9750, 36.6790, 1.5670 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 110.9750, 36.6790, 1.5670 by changing the saturation by 10% instead.


 110.9750, 36.6790,
1.5670


 110.9750, 36.6790,
1.5670


255.0000, -0.0000,
-0.0000


 86.1920, 34.5700,
1.2420


 163.2420, 40.3010,
2.0050


 62.5230, 32.1400,
1.2280


 190.7260, 41.8140,
2.1180


 39.0990, 30.3980,
-0.2420

 216.5300, 39.4300,
1.2700

 19.0260, 23.4740,
4.0980

 236.6310, 22.7880,
-5.5000

 1.1960, 2.3840,
0.8480

 252.1500, 8.0250,
-7.7750

 0.0000, 0.0000,
0.0000

■ 110.9750, 36.6790,
1.5670

■ 110.9750, 36.6790,
1.5670

■ 103.9820, 43.9690,
1.6090

■ 117.9680, 29.3890,
1.5250

■ 96.5160, 51.2130,
2.4850

■ 125.4340, 22.1450,
0.6490

■ 89.5230, 58.5030,
2.5270

■ 132.4270, 14.8550,
0.6070

■ 82.5300, 65.7930,
2.5690

■ 139.4200, 7.5650,
0.5650

■ 75.6510, 72.7620,
2.9220

■ 147.0000, -0.0000,
0.0000

■ 153.8790, -6.9690,
-0.3530

■ 160.8720,
-14.2590, -0.3950

■ 168.4520,

-21.8240, -0.9600

■ 175.3310,
-28.7930, -1.3130

Harmonies

Analogous

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



112.3100, 37.5940, 12.5220



110.9750, 36.6790, 1.5670



109.2630, 26.6400, -9.2320

Triad

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



110.9750, 36.6790, 1.5670



98.3380, -39.8390, -21.3990



111.9560, -13.8950, 15.0410

Complementary

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



110.9750, 36.6790, 1.5670



109.0250, -36.6790, -1.5670

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.



105.7460, -40.0270, 4.0450



110.9750, 36.6790, 1.5670



90.0110, -69.5950, -21.7790

Square

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



110.9750, 36.6790, 1.5670



103.2240, -13.1550, -20.4110



95.3850, -64.4160, -11.0080



114.1070, 10.7250, 20.3970

Rectangle

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



110.9750, 36.6790, 1.5670



107.8270, 16.0040, -14.7160



95.3850, -64.4160, -11.0080



110.6560, -21.9180, 11.7620

Sweetspot

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



110.9750, 36.6790, 1.5670



177.2420, 13.9380, 0.7060



100.5980, 28.6960, 30.6160



88.4910, 8.8030, 0.1550



224.0000, -0.0000, 0.0000



97.0000, -0.0000, 0.0000

Same Dimension

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



110.9750, 36.6790, 1.5670



135.1530, 56.6690, 2.7250



132.1070, 26.7790, -17.2610



70.2670, 3.6220, 0.4380



70.6120, 68.4980, 3.1060



5.3380, 4.8600, 0.0280

Inverse Universe

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



109.0250, -36.6790, -1.5670



132.2600, -56.3940, -2.2020



87.8930, -26.7790, 17.2610



70.1460, -3.3470, 0.0850



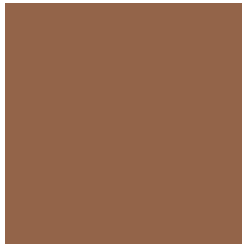
67.3880, -68.4980, -3.1060



4.6620, -4.8600, -0.0280

Previews

White Background



This preview shows how the YIQ color 110.9750, 36.6790, 1.5670 looks on a white background.

Color Contrast Check

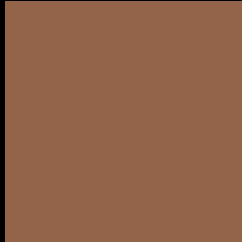
Large Text (above 18pt) WCAG AA ✓ Pass

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 110.9750, 36.6790, 1.5670 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 110.9750, 36.6790, 1.5670

Background



This preview shows how black text looks on a background with the YIQ color 110.9750, 36.6790, 1.5670.



This preview shows how white text looks on a background with the YIQ color 110.9750, 36.6790,

1.5670.

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

110.9750, 36.6790, 1.5670

Protanopia

109.9290, 15.9570, -8.3550

Deuteranopia

110.4960, 27.6020, -4.6380



Tritanopia

112.6450, 29.3410, 13.4130

Trichromacy



Original Color

110.9750, 36.6790, 1.5670

Protanomaly

110.3430, 23.6590, -4.7650

Deuteranomaly

110.8170, 31.1320, -2.5320

Tritanomaly

111.6790, 32.0010, 9.2570

Monochromacy



Original Color

110.9750, 36.6790, 1.5670

Achromatopsia

111.0000, -0.0000, 0.0000

Achromatomaly

110.9430, 13.3420, 0.4940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 110.9750, 36.6790, 1.5670 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(147, 100, 73)` looks like.

```
.text, #text, p{  
    color:rgb(147, 100, 73)  
}
```

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(147, 100, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 100, 73) }
```

Border

The CSS property to change the border of an element to YIQ 110.9750, 36.6790, 1.5670 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(147, 100, 73) }
```


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

```
.border{ border-color:rgb(147, 100, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 100, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 100, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 100, 73);  
box-shadow:4px 4px 4px 4px rgb(147, 100,  
73) }
```

Background

The CSS property to change the background color of an element to YIQ 110.9750, 36.6790, 1.5670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 100, 73) }
```

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

```
.background{ background-color: rgb(147,  
100, 73) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor