

Converting Colors

YIQ(96.9990, 18.9360, -1.7680)

Have a look what the booklet for
YIQ(96.9990, 18.9360, -1.7680)
contains.

YIQ(96.9990, 18.9360, -1.7680)	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(96.9990, 18.9360,
-1.7680)**

Conversions

Conversions Part 1

Format	Color
Hex	725D49
RGB	114, 93, 73
RGB Percent	45%, 36%, 29%
CMY	0.5529, 0.6353, 0.7136
CMYK	0.00, 0.18, 0.36, 0.55
HSL	29°, 22%, 37%
HSV	29°, 36%, 45%
XYZ	12.0576, 11.8865, 7.9662
YIQ	96.9990, 18.9360, -1.7680

Conversions

Conversions Part 2

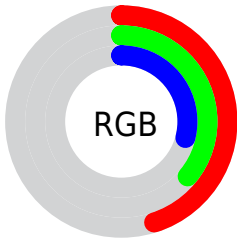
Format	Color
R_YB	114, 112, 73
Decimal	7494985
CIE Lab	41.04, 5.39, 14.69
CIE LCh	41, 15.646, 69.841
Yxy	11.8865, 0.3779, 0.3725
Android (android.graphics.Color)	4285685065 (0xFF725D49)
YUV	96.9990, -11.8315, 14.9099
Hunter-Lab	34.4769, 2.0924, 10.4343




Details

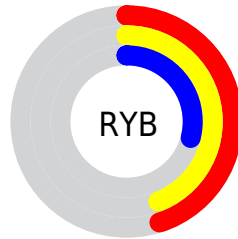
The YIQ color **96.9990, 18.9360, -1.7680** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **90.0010, -18.9360, 1.7680**, and the grayscale version is **97.0000, -0.0000, 0.0000**.




A 20% lighter version of the original color is **147.7820, 21.0450, -1.4430**, and **50.3300, 16.5060, -1.7820** is the 20% darker color. If you saturate the color by 10%, you get **92.2230, 24.1170, -2.0510**, and if you desaturate by 10%, it is **101.7750, 13.7550, -1.4850**.

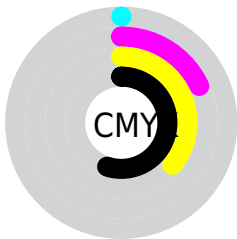
Distribution







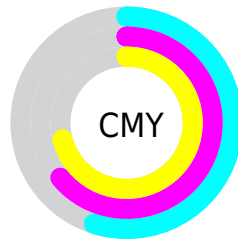
-  Red (45%)
-  Green (36%)
-  Blue (29%)






-  Red (45%)
-  Yellow (44%)
-  Blue (29%)



-  Cyan (0%)
-  Magenta (18%)
-  Yellow (36%)
-  Black (55%)



-  Cyan (55%)
-  Magenta (64%)
-  Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 96.9990, 18.9360, -1.7680 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 96.9990, 18.9360, -1.7680 by changing the saturation by 10% instead.

■ 96.9990, 18.9360,
-1.7680

■ 96.9990, 18.9360,
-1.7680

■ 255.0000, -0.0000,
-0.0000

■ 72.8140, 18.0190,
-1.6690

■ 147.7820, 21.0450,
-1.4430

■ 50.3300, 16.5060,
-1.7820

■ 174.6680, 21.3660,
-1.7540

■ 28.6890, 16.8730,
-2.9270

■ 201.8530, 22.2830,
-1.8530

■ 5.3820, 10.7280,
3.8160

■ 230.1520, 22.8790,
-1.6410

■ 0.0000, 0.0000,
0.0000

■ 251.5630, 8.3000,
-7.2520

■ 96.9990, 18.9360,
-1.7680

■ 96.9990, 18.9360,
-1.7680

■ 92.2230, 24.1170,
-2.0510

■ 101.7750, 13.7550,
-1.4850

■ 87.3330, 29.6190,
-2.6450

■ 106.6650, 8.2530,
-0.8910

■ 82.5570, 34.8000,
-2.9280

■ 111.4410, 3.0720,
-0.6080

■ 78.2540, 40.0270,
-4.0450

■ 115.7440, -2.1550,
0.5090

■ 73.4780, 45.2080,
-4.3280

■ 120.5200, -7.3360,
0.7920

■ 68.7020, 50.3890,
-4.6110

■ 125.2960,
-12.5170, 1.0750

■ 66.9580, 52.5440,
-5.1200

■ 130.1860,
-18.0190, 1.6690

■ 134.9620,

-23.2000, 1.9520

■ 139.8520,
-28.7020, 2.5460

Harmonies

Analogous

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



97.9550, 22.2360, 4.5080



96.9990, 18.9360, -1.7680



95.5310, 11.3260, -7.0260

Triad

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



96.9990, 18.9360, -1.7680



91.1000, -24.0690, -9.8370



98.3240, -0.5520, 10.0080

Complementary

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



96.9990, 18.9360, -1.7680



90.0010, -18.9360, 1.7680

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.



96.2730, -13.7100, 6.1780



96.9990, 18.9360, -1.7680



91.5820, -28.2420, -5.7940

Square

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



96.9990, 18.9360, -1.7680



92.3200, -13.0650, -11.0250



93.3100, -24.3000, -0.1400



99.3100, 11.2310, 11.2230

Rectangle

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



96.9990, 18.9360, -1.7680



94.9430, 4.1740, -9.5700



93.3100, -24.3000, -0.1400



97.7580, -4.7700, 9.3580

Sweetspot

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



96.9990, 18.9360, -1.7680



141.4800, 7.3360, -0.7920



87.6530, 17.6950, 15.2230



69.9250, 4.5850, -0.4950



201.0000, -0.0000, 0.0000



74.0000, -0.0000, 0.0000

Same Dimension

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



96.9990, 18.9360, -1.7680



121.3330, 29.6190, -2.6450



108.7390, 13.4360, -12.2280



53.5550, 2.7510, -0.2970



69.9260, 55.5700, -4.8940



144.8800, 113.9370, -10.9190

Inverse Universe

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



90.0010, -18.9360, 1.7680



110.6670, -29.6190, 2.6450



78.2610, -13.4360, 12.2280



52.4450, -2.7510, 0.2970



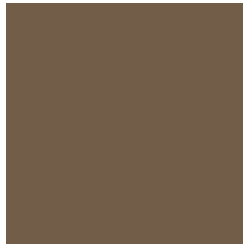
49.4870, -55.2950, 5.4170



102.7070, -114.2120, 10.3960

Previews

White Background



This preview shows how the YIQ color 96.9990, 18.9360, -1.7680 looks on a white background.

Color Contrast Check

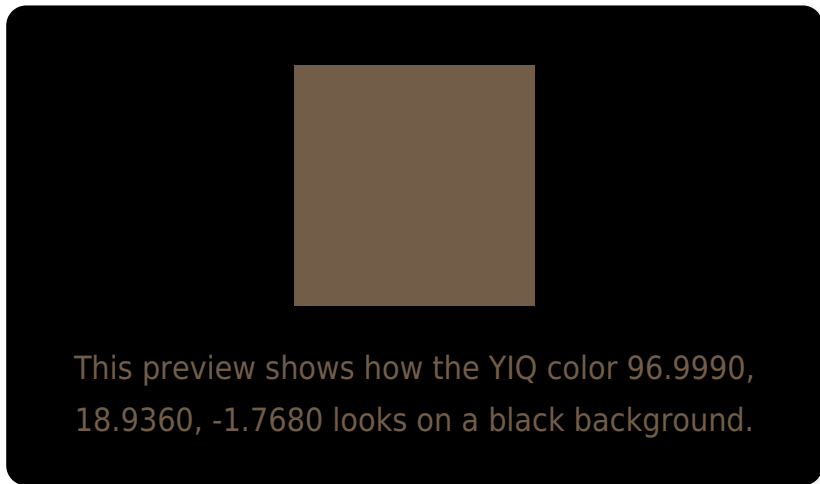
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

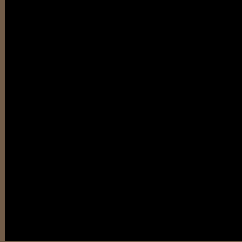
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 96.9990, 18.9360, -1.7680

Background



This preview shows how black text looks on a background with the YIQ color 96.9990, 18.9360, -1.7680.



This preview shows how white text looks on a background with the YIQ color 96.9990, 18.9360,

-1.7680.

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

96.9990, 18.9360, -1.7680

Protanopia

96.2860, 10.6380, -5.5700

Deuteranopia

96.9990, 18.9360, -1.7680



Tritanopia

98.5720, 13.2490, 7.6890

Trichromacy



Original Color

96.9990, 18.9360, -1.7680

Protanomaly

96.7810, 13.6180, -4.5100

Deuteranomaly

96.9990, 18.9360, -1.7680

Tritanomaly

97.8340, 15.2670, 4.1550

Monochromacy



Original Color

96.9990, 18.9360, -1.7680

Achromatopsia

97.0000, -0.0000, 0.0000

Achromatomaly

97.1810, 6.7400, -1.0040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 96.9990, 18.9360, -1.7680 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(114, 93, 73)` looks like.

```
.text, #text, p{  
    color:rgb(114, 93, 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(114, 93, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 93, 73) }
```

Border

The CSS property to change the border of an element to YIQ 96.9990, 18.9360, -1.7680 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(114, 93, 73) }
```


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

```
.border{ border-color:rgb(114, 93, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 93, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 93, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 93, 73);  
box-shadow:4px 4px 4px 4px rgb(114, 93,  
73) }
```

Background

The CSS property to change the background color of an element to YIQ 96.9990, 18.9360, -1.7680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 93, 73) }
```

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

```
.background{ background-color: rgb(114, 93,  
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](#).

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