

Converting Colors

YIQ(117.5030, 17.6970, 4.1690)

Have a look what the booklet for
YIQ(117.5030, 17.6970, 4.1690)
contains.

YIQ(117.5030, 17.6970, 4.1690)	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(117.5030, 17.6970,
4.1690)**

Conversions

Conversions Part 1

Format	Color
Hex	896E69
RGB	137, 110, 105
RGB Percent	54%, 43%, 41%
CMY	0.4627, 0.5687, 0.5882
CMYK	0.00, 0.20, 0.23, 0.46
HSL	9°, 13%, 47%
HSV	9°, 23%, 54%
XYZ	18.4446, 17.4894, 15.7734
YIQ	117.5030, 17.6970, 4.1690

Conversions

Conversions Part 2

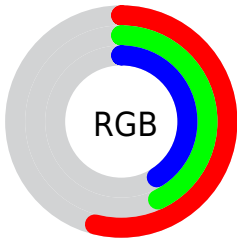
Format	Color
RYB	137, 111, 105
Decimal	9006697
CIELab	48.87, 9.86, 6.81
CIELCh	49, 11.982, 34.618
Yxy	17.4894, 0.3567, 0.3382
Android (android.graphics.Color)	4287196777 (0xFF896E69)
YUV	117.5030, -6.1640, 17.0989
Hunter-Lab	41.8203, 5.5406, 6.9119

Details

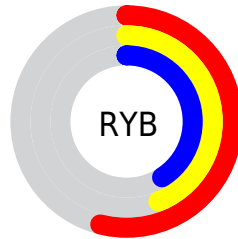
The YIQ color **117.5030, 17.6970, 4.1690** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **124.4970, -17.6970, -4.1690**, and the grayscale version is **118.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **169.9870, 19.2100, 4.2820**, and **68.7200, 15.5880, 3.8440** is the 20% darker color. If you saturate the color by 10%, you get **108.8630, 25.4910, 6.0910**, and if you desaturate by 10%, it is **126.1430, 9.9030, 2.2470**.

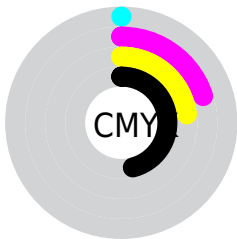
Distribution



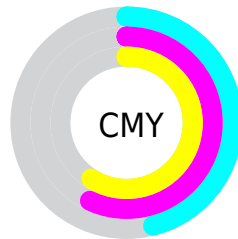
- Red (54%)
- Green (43%)
- Blue (41%)



- Red (54%)
- Yellow (44%)
- Blue (41%)



- Cyan (0%)
- Magenta (20%)
- Yellow (23%)
- Black (46%)



- Cyan (46%)
- Magenta (57%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 117.5030, 17.6970, 4.1690 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 117.5030, 17.6970, 4.1690 by changing the saturation by 10% instead.

■ 117.5030, 17.6970,
4.1690

■ 117.5030, 17.6970,
4.1690

■ 255.0000, -0.0000,
-0.0000

■ 92.9050, 16.5050,
3.7450

■ 169.9870, 19.2100,
4.2820

■ 68.7200, 15.5880,
3.8440

■ 197.2860, 19.8060,
4.4940

■ 46.4210, 14.9920,
3.6320

■ 224.9980, 20.6770,
5.2290

■ 25.4100, 13.5250,
2.6850

■ 247.3060, 7.8860,
0.2540

■ 3.8870, 7.7480,
2.7560

■ 0.0000, 0.0000,
0.0000

■ 117.5030, 17.6970,
4.1690

■ 117.5030, 17.6970,
4.1690

■ 108.8630, 25.4910,
6.0910

■ 126.1430, 9.9030,
2.2470

■ 100.9240, 32.6890,
7.8010

■ 134.0820, 2.7050,
0.5370

■ 92.2840, 40.4830,
9.7230

■ 142.7220, -5.0890,
-1.3850

■ 84.2310, 48.0020,
11.1220

■ 150.7750,
-12.6080, -2.7840

■ 75.7050, 55.4750,
13.3550

■ 159.4150,
-20.4020, -4.7060

■ 67.6520, 62.9940,
14.7540

■ 167.3540,
-27.6000, -6.4160

■ 59.0120, 70.7880,
16.6760

■ 175.9940,
-35.3940, -8.3380

■ 53.2900, 75.8770,

■ 184.6340,

18.0610

-43.1880, -10.2600

■ 192.5730,
-50.3860, -11.9700

Harmonies

Analogous

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



118.0560, 14.7620, 7.8020



117.5030, 17.6970, 4.1690



116.9710, 16.1390, -0.6370

Triad

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



117.5030, 17.6970, 4.1690



113.1250, -8.0220, -8.8060



115.5890, -11.7840, 4.3120

Complementary

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



117.5030, 17.6970, 4.1690



124.4970, -17.6970, -4.1690

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.



114.1210, -19.3940, -0.9460



117.5030, 17.6970, 4.1690



112.4600, -16.2750, -7.9150

Square

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



117.5030, 17.6970, 4.1690



114.3280, 1.6520, -7.9160



112.4150, -20.4020, -4.7060



117.3730, -2.2480, 7.7040

Rectangle

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



117.5030, 17.6970, 4.1690



116.1230, 12.6550, -3.5770



112.4150, -20.4020, -4.7060



115.5670, -14.7180, 2.4180

Sweetspot

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



117.5030, 17.6970, 4.1690



171.0610, 7.1980, 1.7100



117.6460, 10.4050, 15.1810



84.6800, 3.8970, 0.9610



217.0000, -0.0000, 0.0000



89.0000, -0.0000, -0.0000

Same Dimension

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



117.5030, 17.6970, 4.1690



148.0590, 27.8750, 6.9390



126.8950, 13.2970, -4.1990



64.6800, 3.8970, 0.9610



52.0940, 73.4930, 17.2130



2.0820, 2.7050, 0.5370

Inverse Universe

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



124.4970, -17.6970, -4.1690



159.3540, -27.6000, -6.4160



115.1050, -13.2970, 4.1990



66.3200, -3.8970, -0.9610



80.9060, -73.4930, -17.2130



2.9180, -2.7050, -0.5370

Previews

White Background



This preview shows how the YIQ color 117.5030, 17.6970, 4.1690 looks on a white background.

Color Contrast Check

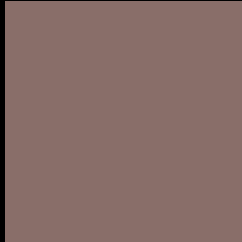
Large Text (above 18pt) WCAG AA ✓ Pass

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 117.5030, 17.6970, 4.1690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

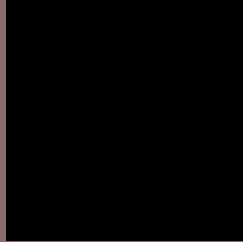
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 117.5030, 17.6970, 4.1690

Background



This preview shows how black text looks on a background with the YIQ color 117.5030, 17.6970, 4.1690.



This preview shows how white text looks on a background with the YIQ color 117.5030, 17.6970,

4.1690.

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

117.5030, 17.6970, 4.1690

Protanopia

116.2840, 4.9520, -1.6400

Deuteranopia

117.1820, 14.1670, 2.0630



Tritanopia

117.9960, 14.9910, 9.1590

Trichromacy



Original Color

117.5030, 17.6970, 4.1690

Protanomaly

116.7900, 9.3990, 0.3670

Deuteranomaly

117.1930, 15.6340, 3.0100

Tritanomaly

118.1270, 16.0000, 7.3920

Monochromacy



Original Color

117.5030, 17.6970, 4.1690

Achromatopsia

118.0000, 0.0000, -0.0000

Achromatomaly

117.7620, 6.6020, 1.4980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 117.5030, 17.6970, 4.1690 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(137, 110, 105)` looks like.

```
.text, #text, p{  
    color:rgb(137, 110, 105)  
}
```

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(137, 110, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 110, 105) }
```

Border

The CSS property to change the border of an element to YIQ 117.5030, 17.6970, 4.1690 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(137, 110, 105) }
```


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

```
.border{ border-color:rgb(137, 110, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 110, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 110, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 110, 105);  
box-shadow:4px 4px 4px 4px rgb(137, 110,  
105) }
```

Background

The CSS property to change the background color of an element to YIQ 117.5030, 17.6970, 4.1690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 110, 105) }
```

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

```
.background{ background-color: rgb(137,  
110, 105) }
```

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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