

Converting Colors

YIQ(117.6230, 17.2390, 1.4550)

Have a look what the booklet for
YIQ(117.6230, 17.2390, 1.4550)
contains.

YIQ(117.6230, 17.2390, 1.4550)	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(117.6230, 17.2390,
1.4550)**

Conversions

Conversions Part 1

Format	Color
Hex	877065
RGB	135, 112, 101
RGB Percent	53%, 44%, 40%
CMY	0.4705, 0.5608, 0.6038
CMYK	0.00, 0.17, 0.25, 0.47
HSL	19°, 14%, 46%
HSV	19°, 25%, 53%
XYZ	18.1367, 17.6781, 14.7733
YIQ	117.6230, 17.2390, 1.4550

Conversions

Conversions Part 2

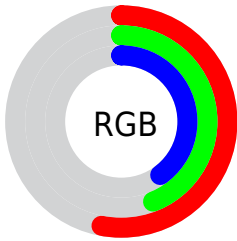
Format	Color
R_{YB}	135, 117, 101
Decimal	8876133
CIE _{Lab}	49.10, 7.24, 9.48
CIE _{LCh}	49, 11.925, 52.624
Yxy	17.6781, 0.3585, 0.3495
Android (android.graphics.Color)	4287066213 (0xFF877065)
YUV	117.6230, -8.1951, 15.2396
Hunter-Lab	42.0453, 3.4185, 8.5993

Details

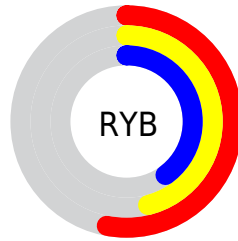
The YIQ color **117.6230, 17.2390, 1.4550** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **118.3770, -17.2390, -1.4550**, and the grayscale version is **118.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **170.1070, 18.7520, 1.5680**, and **69.1390, 15.7260, 1.3420** is the 20% darker color. If you saturate the color by 10%, you get **110.8580, 23.8870, 2.1190**, and if you desaturate by 10%, it is **124.5020, 10.2700, 1.1020**.

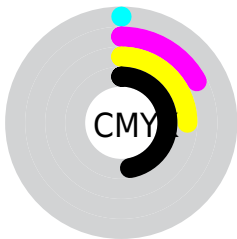
Distribution



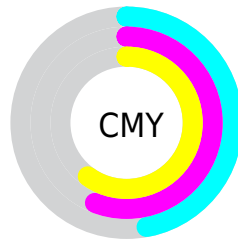
- Red (53%)
- Green (44%)
- Blue (40%)



- Red (53%)
- Yellow (46%)
- Blue (40%)



- Cyan (0%)
- Magenta (17%)
- Yellow (25%)
- Black (47%)



- Cyan (47%)
- Magenta (56%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 117.6230, 17.2390, 1.4550 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 117.6230, 17.2390, 1.4550 by changing the saturation by 10% instead.

■ 117.6230, 17.2390,
1.4550

■ 117.6230, 17.2390,
1.4550

■ 255.0000, -0.0000,
-0.0000

■ 93.0250, 16.0470,
1.0310

■ 170.1070, 18.7520,
1.5680

■ 69.1390, 15.7260,
1.3420

■ 197.4060, 19.3480,
1.7800

■ 46.6550, 14.2130,
1.2290

■ 225.2920, 19.6690,
1.4690

■ 25.7150, 13.9840,
-0.1280

■ 247.9100, 8.9410,
-2.3470

■ 2.6910, 5.3640,
1.9080

■ 0.0000, 0.0000,
0.0000

■ 117.6230, 17.2390,
1.4550

■ 117.6230, 17.2390,
1.4550

■ 110.8580, 23.8870,
2.1190

■ 124.5020, 10.2700,
1.1020

■ 103.9790, 30.8560,
2.4720

■ 131.2670, 3.6220,
0.4380

■ 97.2140, 37.5040,
3.1360

■ 138.1460, -3.3470,
0.0850

■ 89.7480, 44.7480,
4.0120

■ 145.4980,
-10.2700, -1.1020

■ 82.9830, 51.3960,
4.6760

■ 152.3770,
-17.2390, -1.4550

■ 76.1040, 58.3650,
5.0290

■ 159.1420,
-23.8870, -2.1190

■ 69.3390, 65.0130,
5.6930

■ 166.0210,
-30.8560, -2.4720

■ 66.1930, 68.3600,

■ 172.7860,

5.6080

-37.5040, -3.1360

■ 179.6650,
-44.4730, -3.4890

Harmonies

Analogous

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



118.2580, 17.0090, 5.6250



117.6230, 17.2390, 1.4550



116.5360, 12.9300, -3.0540

Triad

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



117.6230, 17.2390, 1.4550



113.0150, -13.5240, -8.2120



117.2800, -6.4200, 6.2200

Complementary

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



117.6230, 17.2390, 1.4550



118.3770, -17.2390, -1.4550

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.



115.5670, -14.7180, 2.4180



117.6230, 17.2390, 1.4550



112.6600, -19.7140, -6.1620

Square

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



117.6230, 17.2390, 1.4550



114.2780, -4.0790, -8.6790



113.8820, -20.2190, -2.5150



118.4230, 3.4830, 8.4670

Rectangle

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



117.6230, 17.2390, 1.4550



115.6170, 8.2080, -5.5840



113.8820, -20.2190, -2.5150



116.7850, -9.4000, 5.1600

Sweetspot

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



117.6230, 17.2390, 1.4550



168.5340, 7.2440, 0.8760



113.7880, 12.8810, 14.3610



84.4520, 4.5390, 0.3390



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.



117.6230, 17.2390, 1.4550



148.8260, 26.9130, 2.3450



127.6020, 12.5640, -7.4360



62.9680, 3.0260, 0.2260



63.5240, 65.9300, 5.5940



1.4840, 1.5130, 0.1130

Inverse Universe

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



118.3770, -17.2390, -1.4550



150.1740, -26.9130, -2.3450



108.3980, -12.5640, 7.4360



63.0320, -3.0260, -0.2260



66.4760, -65.9300, -5.5940



1.5160, -1.5130, -0.1130

Previews

White Background



This preview shows how the YIQ color 117.6230, 17.2390, 1.4550 looks on a white background.

Color Contrast Check

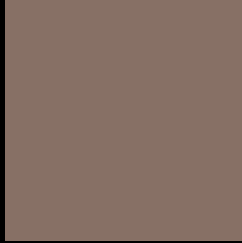
Large Text (above 18pt) WCAG AA ✓ Pass

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 117.6230, 17.2390, 1.4550 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 117.6230, 17.2390, 1.4550

Background



This preview shows how black text looks on a background with the YIQ color 117.6230, 17.2390, 1.4550.



This preview shows how white text looks on a background with the YIQ color 117.6230, 17.2390,

1.4550.

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

117.6230, 17.2390, 1.4550

Protanopia

116.3120, 7.7490, -2.7710

Deuteranopia

117.3240, 16.6430, 1.2430



Tritanopia

118.9850, 13.5240, 8.2120

Trichromacy



Original Color

117.6230, 17.2390, 1.4550

Protanomaly

117.1060, 11.3250, -1.4990

Deuteranomaly

117.3240, 16.6430, 1.2430

Tritanomaly

118.5890, 14.5790, 5.6110

Monochromacy



Original Color

117.6230, 17.2390, 1.4550

Achromatopsia

118.0000, 0.0000, -0.0000

Achromatomaly

117.9360, 6.0520, 0.4520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 117.6230, 17.2390, 1.4550 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(135, 112, 101)` looks like.

```
.text, #text, p{  
    color:rgb(135, 112, 101)  
}
```

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(135, 112, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 112, 101) }
```

Border

The CSS property to change the border of an element to YIQ 117.6230, 17.2390, 1.4550 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(135, 112, 101) }
```


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

```
.border{ border-color:rgb(135, 112, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 112, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 112, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 112, 101);  
box-shadow:4px 4px 4px 4px rgb(135, 112,  
101) }
```

Background

The CSS property to change the background color of an element to YIQ 117.6230, 17.2390, 1.4550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 112, 101) }
```

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

```
.background{ background-color: rgb(135,  
112, 101) }
```

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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