

Converting Colors

YIQ(117.8160, 23.7050, -5.5990)

Have a look what the booklet for
YIQ(117.8160, 23.7050, -5.5990)
contains.

YIQ(117.8160, 23.7050, -5.5990)	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(117.8160, 23.7050,
-5.5990)**

Conversions

Conversions Part 1

Format	Color
Hex	897352
RGB	137, 115, 82
RGB Percent	54%, 45%, 32%
CMY	0.4627, 0.5490, 0.6783
CMYK	0.00, 0.16, 0.40, 0.46
HSL	36°, 25%, 43%
HSV	36°, 40%, 54%
XYZ	17.9717, 18.1880, 10.5522
YIQ	117.8160, 23.7050, -5.5990

Conversions

Conversions Part 2

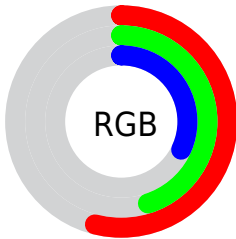
Format	Color
R_{YB}	119, 137, 82
Decimal	9007954
CIE _{Lab}	49.72, 3.69, 21.45
CIE _{LCh}	50, 21.765, 80.237
Yxy	18.1880, 0.3847, 0.3894
Android (android.graphics.Color)	4287198034 (0xFF897352)
YUV	117.8160, -17.6573, 16.8244
Hunter-Lab	42.6474, 0.5870, 15.1832

Details

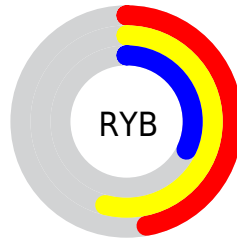
The YIQ color **117.8160, 23.7050, -5.5990** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **101.1840, -23.7050, 5.5990**, and the grayscale version is **118.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **170.1860, 25.5390, -5.7970**, and **69.2610, 20.9540, -5.3020** is the 20% darker color. If you saturate the color by 10%, you get **113.2850, 29.5740, -7.3380**, and if you desaturate by 10%, it is **122.3470, 17.8360, -3.8600**.

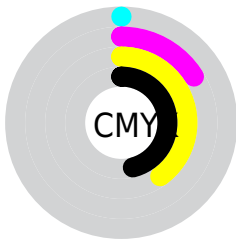
Distribution



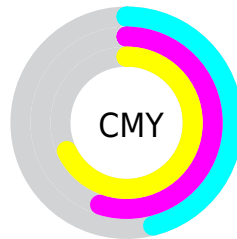
- Red (54%)
- Green (45%)
- Blue (32%)



- Red (47%)
- Yellow (54%)
- Blue (32%)



- Cyan (0%)
- Magenta (16%)
- Yellow (40%)
- Black (46%)



- Cyan (46%)
- Magenta (55%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 117.8160, 23.7050, -5.5990 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 117.8160, 23.7050, -5.5990 by changing the saturation by 10% instead.

■ 117.8160, 23.7050,
-5.5990

■ 117.8160, 23.7050,
-5.5990

■ 255.0000, -0.0000,
-0.0000

■ 92.7450, 22.4670,
-5.1890

■ 170.1860, 25.5390,
-5.7970

■ 69.2610, 20.9540,
-5.3020

■ 197.6700, 27.0520,
-5.6840

■ 46.4780, 18.8450,
-5.6270

■ 225.5560, 27.3730,
-5.9950

■ 25.7490, 16.6440,
-4.2840

■ 247.2770, 14.8570,
-10.4470

■ 2.0930, 4.1720,
1.4840

■ 253.4040, 4.4940,
-4.3540

■ 0.0000, 0.0000,
0.0000

■ 117.8160, 23.7050,
-5.5990

■ 117.8160, 23.7050,
-5.5990

■ 113.2850, 29.5740,
-7.3380

■ 122.3470, 17.8360,
-3.8600

■ 108.2810, 35.3970,
-8.2430

■ 127.3510, 12.0130,
-2.9550

■ 103.7500, 41.2660,
-9.9820

■ 131.8820, 6.1440,
-1.2160

■ 98.6320, 47.4100,
-11.1980

■ 137.0000, -0.0000,
0.0000

■ 94.2150, 52.9580,
-12.6260

■ 141.5310, -5.8690,
1.7390

■ 89.0970, 59.1020,
-13.8420

■ 146.5350,
-11.6920, 2.6440

■ 151.0660,
-17.5610, 4.3830

■ 156.1840,

-23.7050, 5.5990

■ 160.6010,
-29.2530, 7.0270

Harmonies

Analogous

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



119.2070, 30.2140, 3.0940



117.8160, 23.7050, -5.5990



115.7710, 10.4100, -12.4540

Triad

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



117.8160, 23.7050, -5.5990



108.4940, -39.9780, -13.3700



120.8350, 5.4990, 15.9870

Complementary

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



117.8160, 23.7050, -5.5990



101.1840, -23.7050, 5.5990

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.



119.3210, -13.6650, 10.8710



117.8160, 23.7050, -5.5990



110.0410, -42.7760, -6.7120

Square

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



117.8160, 23.7050, -5.5990



110.8130, -24.9390, -16.0990



114.8840, -31.7280, 2.3200



121.0340, 20.9960, 15.9720

Rectangle

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



117.8160, 23.7050, -5.5990



114.4430, -0.4100, -14.6020



114.8840, -31.7280, 2.3200



120.3720, -0.5070, 14.7010

Sweetspot

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



117.8160, 23.7050, -5.5990



171.2090, 9.5370, -2.1350



101.0670, 25.3970, 18.8130



84.6970, 5.2270, -1.1170



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.



117.8160, 23.7050, -5.5990



148.6510, 37.2310, -8.4410



129.2350, 14.6750, -18.1650



66.4410, 3.0720, -0.6080



86.7270, 57.2680, -13.6440



3.2560, 2.1550, -0.5090

Inverse Universe

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



101.1840, -23.7050, 5.5990



122.7620, -36.9560, 8.9640



89.7650, -14.6750, 18.1650



64.5590, -3.0720, 0.6080



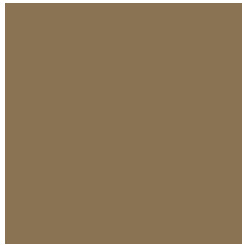
46.2730, -57.2680, 13.6440



1.7440, -2.1550, 0.5090

Previews

White Background



This preview shows how the YIQ color 117.8160, 23.7050, -5.5990 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 117.8160, 23.7050, -5.5990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

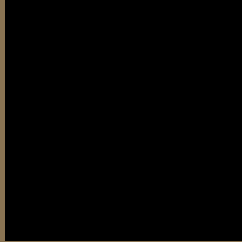
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 117.8160, 23.7050, -5.5990

Background



This preview shows how black text looks on a background with the YIQ color 117.8160, 23.7050, -5.5990.



This preview shows how white text looks on a background with the YIQ color 117.8160, 23.7050, -5.5990.

-5.5990.

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

117.8160, 23.7050, -5.5990

Protanopia

117.0000, 17.1950, -8.7650

Deuteranopia

117.8380, 26.6390, -3.7050



Tritanopia

120.2950, 15.5870, 9.3710

Trichromacy



Original Color

117.8160, 23.7050, -5.5990

Protanomaly

117.3100, 19.2580, -7.6060

Deuteranomaly

118.1260, 25.7680, -4.4400

Tritanomaly

119.6880, 18.6140, 4.0700

Monochromacy



Original Color

117.8160, 23.7050, -5.5990

Achromatopsia

118.0000, 0.0000, -0.0000

Achromatomaly

118.0240, 8.6200, -2.0360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 117.8160, 23.7050, -5.5990 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, 115, 82)` looks like.

```
.text, #text, p{  
    color:rgb(137, 115, 82)  
}
```

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, 115, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 115, 82) }
```

Border

The CSS property to change the border of an element to YIQ 117.8160, 23.7050, -5.5990 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, 115, 82) }
```


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

```
.border{ border-color:rgb(137, 115, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 115, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 115, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 115, 82);  
box-shadow:4px 4px 4px 4px rgb(137, 115,  
82) }
```

Background

The CSS property to change the background color of an element to YIQ 117.8160, 23.7050, -5.5990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 115, 82) }
```

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

```
.background{ background-color: rgb(137,  
115, 82) }
```

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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