

Converting Colors

YIQ(99.5170, 15.0820, 13.0180)

Have a look what the booklet for
YIQ(99.5170, 15.0820, 13.0180)
contains.

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Color

**YIQ(99.5170, 15.0820,
13.0180)**

Conversions

Conversions Part 1

Format	Color
Hex	7A5769
RGB	122, 87, 105
RGB Percent	48%, 34%, 41%
CMY	0.5215, 0.6589, 0.5882
CMYK	0.00, 0.29, 0.14, 0.52
HSL	329°, 17%, 41%
HSV	329°, 29%, 48%
XYZ	13.9869, 11.9735, 14.9417
YIQ	99.5170, 15.0820, 13.0180

Conversions

Conversions Part 2

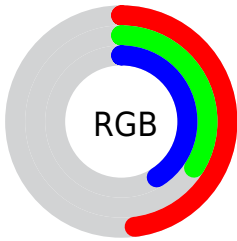
Format	Color
R_{YB}	122, 87, 105
Decimal	8017769
CIE Lab	41.17, 17.54, -4.58
CIE LCh	41, 18.125, 345.351
Yxy	11.9735, 0.3420, 0.2927
Android (android.graphics.Color)	4286207849 (0xFF7A5769)
YUV	99.5170, 2.7031, 19.7176
Hunter-Lab	34.6028, 11.5971, -1.3799

Details

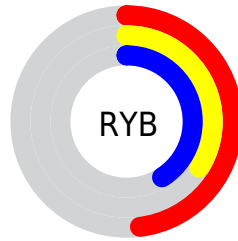
The YIQ color **99.5170, 15.0820, 13.0180** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **109.4830, -15.0820, -13.0180**, and the grayscale version is **99.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **150.5280, 16.5490, 13.9650**, and **52.5060, 13.6150, 12.0710** is the 20% darker color. If you saturate the color by 10%, you get **91.7890, 20.3080, 17.4280**, and if you desaturate by 10%, it is **107.2450, 9.8560, 8.6080**.

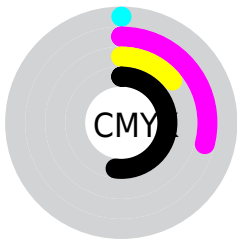
Distribution



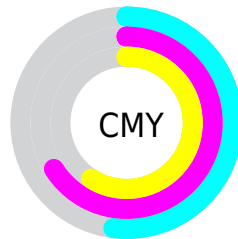
- Red (48%)
- Green (34%)
- Blue (41%)



- Red (48%)
- Yellow (34%)
- Blue (41%)



- Cyan (0%)
- Magenta (29%)
- Yellow (14%)
- Black (52%)



- Cyan (52%)
- Magenta (66%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 99.5170, 15.0820, 13.0180 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 99.5170, 15.0820, 13.0180 by changing the saturation by 10% instead.

■ 99.5170, 15.0820,
13.0180

■ 99.5170, 15.0820,
13.0180

■ 255.0000, -0.0000,
-0.0000

■ 75.2180, 14.4860,
12.8060

■ 150.5280, 16.5490,
13.9650

■ 52.5060, 13.6150,
12.0710

■ 177.8270, 17.1450,
14.1770

■ 30.4950, 12.1480,
11.1240

■ 205.2400, 17.4200,
14.7000

■ 10.9790, 13.6610,
11.2370

■ 232.0440, 15.0360,
13.8520

■ 0.0000, 0.0000,
0.0000

■ 250.3040, 2.2000,
4.1840

■ 99.5170, 15.0820,
13.0180

■ 99.5170, 15.0820,
13.0180

■ 91.7890, 20.3080,
17.4280

■ 107.2450, 9.8560,
8.6080

■ 84.0610, 25.5340,
21.8380

■ 114.9730, 4.6300,
4.1980

■ 75.7460, 31.0350,
26.7710

■ 123.2880, -0.8710,
-0.7350

■ 68.0180, 36.2610,
31.1810

■ 131.0160, -6.0970,
-5.1450

■ 60.2900, 41.4870,
35.5910

■ 138.7440,
-11.3230, -9.5550

■ 52.5620, 46.7130,
40.0010

■ 146.4720,
-16.5490, -13.9650

■ 44.9480, 51.6180,
44.7220


■ 154.0860,
-21.4540, -18.6860

■ 43.6600, 52.4890,

■ 162.4010,

45.4570

-26.9550, -23.6190

 170.1290,
-32.1810, -28.0290

Harmonies

Analogous

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



99.4600, 2.0610, 12.2130



99.5170, 15.0820, 13.0180



98.7150, 23.1520, 9.9360

Triad

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



99.5170, 15.0820, 13.0180



95.7650, 10.5470, -9.4290



90.6460, -34.2940, -6.2460

Complementary

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



99.5170, 15.0820, 13.0180



109.4830, -15.0820, -13.0180

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.



89.6370, -30.0750, -11.1230



99.5170, 15.0820, 13.0180



93.9420, -3.2530, -12.6370

Square

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



99.5170, 15.0820, 13.0180



97.1300, 19.9450, -3.5350



91.5150, -18.1080, -13.2440



93.8690, -27.3720, 0.4680

Rectangle

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



99.5170, 15.0820, 13.0180



98.5640, 24.8950, 5.8790



91.5150, -18.1080, -13.2440



90.1790, -34.4770, -8.4370

Sweetspot

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



99.5170, 15.0820, 13.0180



148.9840, 6.0970, 5.1450



96.0730, -1.1030, 14.4890



73.2610, 3.7590, 3.4630



207.0000, 0.0000, -0.0000



79.0000, -0.0000, 0.0000

Same Dimension

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



99.5170, 15.0820, 13.0180



123.3380, 23.1960, 20.1560



97.5790, 20.5390, 7.7310



57.1360, 2.6130, 2.2050



44.6710, 53.9560, 46.4040



90.1680, 108.4620, 93.8540

Inverse Universe

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



99.5170, 15.0820, 13.0180



123.3380, 23.1960, 20.1560



111.4210, -20.5390, -7.7310



57.1360, 2.6130, 2.2050



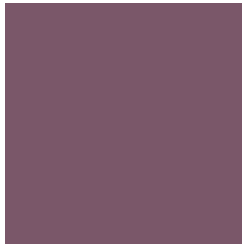
44.6710, 53.9560, 46.4040



90.1680, 108.4620, 93.8540

Previews

White Background



This preview shows how the YIQ color 99.5170, 15.0820, 13.0180 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 99.5170, 15.0820, 13.0180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

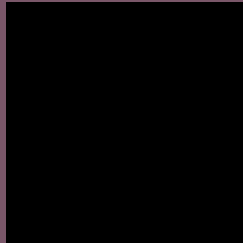
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 99.5170, 15.0820, 13.0180

Background



This preview shows how black text looks on a background with the YIQ color 99.5170, 15.0820, 13.0180.



This preview shows how white text looks on a background with the YIQ color 99.5170, 15.0820,

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

99.5170, 15.0820, 13.0180

Protanopia

97.9980, -5.6860, 3.9300

Deuteranopia

98.7170, 2.4750, 4.7070



Tritanopia

99.2520, 17.1460, 8.6500

Trichromacy



Original Color

99.5170, 15.0820, 13.0180

Protanomaly

98.4120, 2.0160, 7.5200

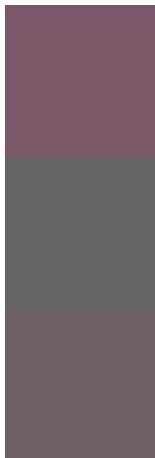
Deuteranomaly

99.0490, 7.4720, 7.7600

Tritanomaly

99.1210, 16.1370, 10.4170

Monochromacy



Original Color

99.5170, 15.0820, 13.0180

Achromatopsia

100.0000, -0.0000, -0.0000

Achromatomaly

99.6850, 5.5010, 4.9330

CSS Examples

Text

The CSS property to change the color of the text to YIQ 99.5170, 15.0820, 13.0180 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(122, 87, 105)` looks like.

```
.text, #text, p{  
    color:rgb(122, 87, 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(122, 87, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 87, 105) }
```

Border

The CSS property to change the border of an element to YIQ 99.5170, 15.0820, 13.0180 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(122, 87, 105) }
```


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

```
.border{ border-color:rgb(122, 87, 105) }
```

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

Here you see how a box with a 4 pixel rgb(122, 87, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 87, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 87, 105);  
box-shadow:4px 4px 4px 4px rgb(122, 87,  
105) }
```

Background

The CSS property to change the background color of an element to YIQ 99.5170, 15.0820, 13.0180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 87, 105) }
```

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

```
.background{ background-color: rgb(122, 87,  
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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