

Converting Colors

YIQ(95.3340, 19.8510, 9.1870)

Have a look what the booklet for
YIQ(95.3340, 19.8510, 9.1870)
contains.

YIQ(95.3340, 19.8510, 9.1870)	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(95.3340, 19.8510,
9.1870)**

Conversions

Conversions Part 1

Format	Color
Hex	785459
RGB	120, 84, 89
RGB Percent	47%, 33%, 35%
CMY	0.5293, 0.6706, 0.6509
CMYK	0.00, 0.30, 0.26, 0.53
HSL	352°, 18%, 40%
HSV	352°, 30%, 47%
XYZ	12.7220, 11.0546, 10.9186
YIQ	95.3340, 19.8510, 9.1870

Conversions

Conversions Part 2

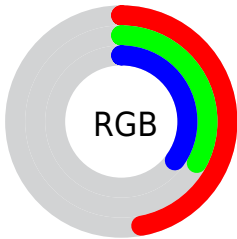
Format	Color
R _Y B	120, 84, 89
Decimal	7885913
CIE Lab	39.67, 15.80, 3.07
CIE LCh	40, 16.094, 10.992
Yxy	11.0546, 0.3667, 0.3186
Android (android.graphics.Color)	4286075993 (0xFF785459)
YUV	95.3340, -3.1227, 21.6321
Hunter-Lab	33.2484, 10.1155, 3.8033

Details

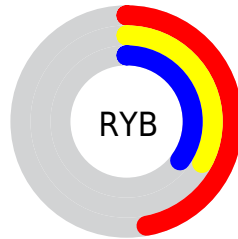
The YIQ color **95.3340, 19.8510, 9.1870** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **108.6660, -19.8510, -9.1870**, and the grayscale version is **95.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **146.2310, 21.6390, 9.8230**, and **48.2520, 17.1460, 8.6500** is the 20% darker color. If you saturate the color by 10%, you get **87.1500, 26.3610, 12.3530**, and if you desaturate by 10%, it is **103.5180, 13.3410, 6.0210**.

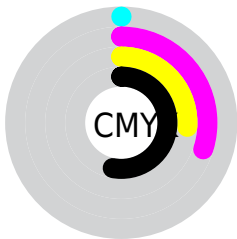
Distribution



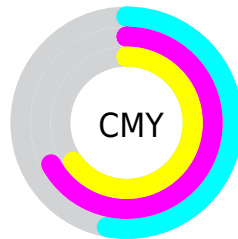
- Red (47%)
- Green (33%)
- Blue (35%)



- Red (47%)
- Yellow (33%)
- Blue (35%)



- Cyan (0%)
- Magenta (30%)
- Yellow (26%)
- Black (53%)



- Cyan (53%)
- Magenta (67%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 95.3340, 19.8510, 9.1870 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 95.3340, 19.8510, 9.1870 by changing the saturation by 10% instead.

■ 95.3340, 19.8510,
9.1870

■ 95.3340, 19.8510,
9.1870

■ 255.0000, -0.0000,
-0.0000

■ 71.7360, 18.6590,
8.7630

■ 146.2310, 21.6390,
9.8230

■ 48.2520, 17.1460,
8.6500

■ 172.8290, 22.8310,
10.2470

■ 27.2410, 15.6790,
7.7030

■ 200.1280, 23.4270,
10.4590

■ 8.4860, 16.3670,
6.2470

■ 227.5300, 22.2350,
10.0350

■ 0.0000, 0.0000,
0.0000

■ 247.2720, 5.2260,
4.4100

■ 95.3340, 19.8510,
9.1870

■ 95.3340, 19.8510,
9.1870

■ 87.1500, 26.3610,
12.3530

■ 103.5180, 13.3410,
6.0210

■ 78.8520, 33.1920,
15.2080

■ 111.8160, 6.5100,
3.1660

■ 70.6680, 39.7020,
18.3740

■ 120.0000, -0.0000,
-0.0000

■ 62.4840, 46.2120,
21.5400

■ 128.1840, -6.5100,
-3.1660

■ 54.1860, 53.0430,
24.3950

■ 136.4820,
-13.3410, -6.0210

■ 46.0020, 59.5530,
27.5610


■ 144.6660,
-19.8510, -9.1870

■ 37.8180, 66.0630,
30.7270

■ 152.8500,
-26.3610, -12.3530

■ 161.1480,

-33.1920, -15.2080

 169.3320,
-39.7020, -18.3740

Harmonies

Analogous

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



95.6090, 11.8270, 11.4350



95.3340, 19.8510, 9.1870



94.5420, 21.9610, 3.9850

Triad

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



95.3340, 19.8510, 9.1870



90.9640, -0.3190, -10.7430



90.4240, -24.6210, 0.1710

Complementary

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



95.3340, 19.8510, 9.1870



108.6660, -19.8510, -9.1870

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.



87.9840, -29.4340, -6.2180



95.3340, 19.8510, 9.1870



89.0210, -13.6610, -11.2370

Square

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



95.3340, 19.8510, 9.1870



92.2320, 10.7300, -7.2380



87.8010, -24.6650, -10.0490



93.2730, -13.7100, 6.1780

Rectangle

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



95.3340, 19.8510, 9.1870



93.8360, 20.9530, 0.2250



87.8010, -24.6650, -10.0490



89.2880, -27.2340, -2.0340

Sweetspot

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



95.3340, 19.8510, 9.1870



146.4140, 7.7020, 3.5900



97.3730, 6.9200, 17.7680



72.9190, 4.7220, 2.5300



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.



95.3340, 19.8510, 9.1870



117.5420, 31.1290, 14.0490



102.3950, 17.8810, 0.8330



56.9080, 3.2550, 1.5830



39.3130, 69.0430, 31.7870



79.3380, 138.9570, 64.3090

Inverse Universe

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



95.3340, 19.8510, 9.1870



117.5420, 31.1290, 14.0490



101.6050, -17.8810, -0.8330



56.9080, 3.2550, 1.5830



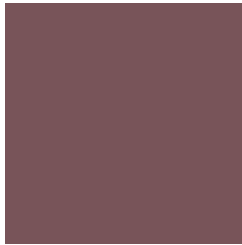
39.3130, 69.0430, 31.7870



79.3380, 138.9570, 64.3090

Previews

White Background



This preview shows how the YIQ color 95.3340, 19.8510, 9.1870 looks on a white background.

Color Contrast Check

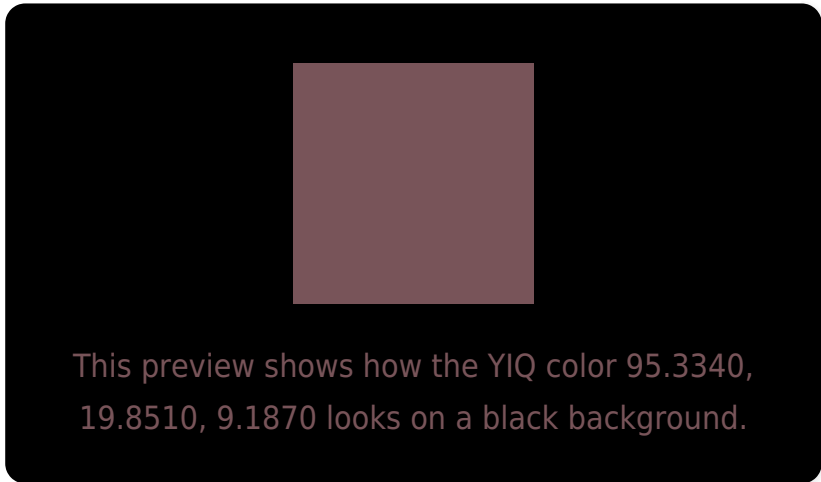
Large Text (above 18pt) WCAG AA ✓ Pass

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

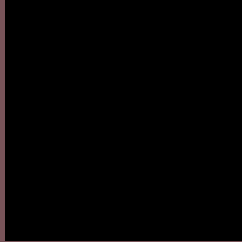
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 95.3340, 19.8510, 9.1870

Background



This preview shows how black text looks on a background with the YIQ color 95.3340, 19.8510, 9.1870.



This preview shows how white text looks on a background with the YIQ color 95.3340, 19.8510,

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

95.3340, 19.8510, 9.1870

Protanopia

93.7120, 0.8710, 0.7350

Deuteranopia

94.8440, 9.3070, 2.0350



Tritanopia

95.4480, 19.5300, 9.4980

Trichromacy



Original Color

95.3340, 19.8510, 9.1870

Protanomaly

94.4140, 7.7020, 3.5900

Deuteranomaly

94.5780, 13.1120, 4.6640

Tritanomaly

95.4480, 19.5300, 9.4980

Monochromacy



Original Color

95.3340, 19.8510, 9.1870

Achromatopsia

95.0000, -0.0000, -0.0000

Achromatomaly

95.1150, 7.1060, 3.3780

CSS Examples

Text

The CSS property to change the color of the text to YIQ 95.3340, 19.8510, 9.1870 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(120, 84, 89)` looks like.

```
.text, #text, p{  
    color:rgb(120, 84, 89)  
}
```

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(120, 84, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 84, 89) }
```

Border

The CSS property to change the border of an element to YIQ 95.3340, 19.8510, 9.1870 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(120, 84, 89) }
```


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

```
.border{ border-color:rgb(120, 84, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 84, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 84, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 84, 89);  
box-shadow:4px 4px 4px 4px rgb(120, 84,  
89) }
```

Background

The CSS property to change the background color of an element to YIQ 95.3340, 19.8510, 9.1870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 84, 89) }
```

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

```
.background{ background-color: rgb(120, 84,  
89) }
```

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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