

Converting Colors

YIQ(94.5680, 19.0720, 6.7840)

Have a look what the booklet for
YIQ(94.5680, 19.0720, 6.7840)
contains.

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Color

**YIQ(94.5680, 19.0720,
6.7840)**

Conversions

Conversions Part 1

Format	Color
Hex	755555
RGB	117, 85, 85
RGB Percent	46%, 33%, 33%
CMY	0.5411, 0.6667, 0.6666
CMYK	0.00, 0.27, 0.27, 0.54
HSL	360°, 16%, 40%
HSV	360°, 27%, 46%
XYZ	12.2266, 10.9343, 10.0645
YIQ	94.5680, 19.0720, 6.7840

Conversions

Conversions Part 2

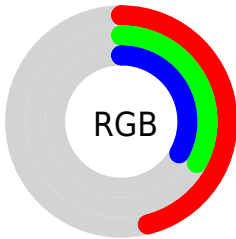
Format	Color
RYB	117, 85, 85
Decimal	7689557
CIELab	39.47, 13.31, 5.21
CIELCh	39, 14.292, 21.373
Yxy	10.9343, 0.3680, 0.3291
Android (android.graphics.Color)	4285879637 (0xFF755555)
YUV	94.5680, -4.7170, 19.6729
Hunter-Lab	33.0671, 8.1334, 5.1011

Details

The YIQ color **94.5680, 19.0720, 6.7840** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **107.4320, -19.0720, -6.7840**, and the grayscale version is **95.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **145.4650, 20.8600, 7.4200**, and **48.3720, 16.6880, 5.9360** is the 20% darker color. If you saturate the color by 10%, you get **86.1560, 26.2240, 9.3280**, and if you desaturate by 10%, it is **102.9800, 11.9200, 4.2400**.

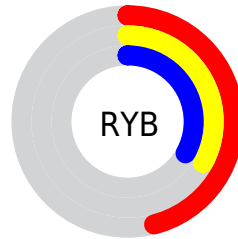
Distribution



Red (46%)

Green (33%)

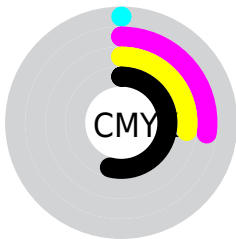
Blue (33%)



Red (46%)

Yellow (33%)

Blue (33%)

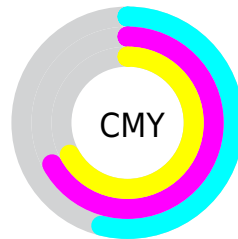


Cyan (0%)

Magenta (27%)

Yellow (27%)

Black (54%)



Cyan (54%)

Magenta (67%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 94.5680, 19.0720, 6.7840 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 94.5680, 19.0720, 6.7840 by changing the saturation by 10% instead.

94.5680, 19.0720,
6.7840

94.5680, 19.0720,
6.7840

255.0000, -0.0000,
-0.0000

70.9700, 17.8800,
6.3600

145.4650, 20.8600,
7.4200

48.3720, 16.6880,
5.9360

171.7640, 21.4560,
7.6320

26.8880, 15.1750,
5.8230

199.3620, 22.6480,
8.0560

6.8770, 13.7080,
4.8760

227.2480, 22.9690,
7.7450

0.0000, 0.0000,
0.0000

247.2890, 6.5560,
2.3320

■ 94.5680, 19.0720,
6.7840

■ 94.5680, 19.0720,
6.7840

■ 86.1560, 26.2240,
9.3280

■ 102.9800, 11.9200,
4.2400

■ 78.4450, 32.7800,
11.6600

■ 110.6910, 5.3640,
1.9080

■ 70.0330, 39.9320,
14.2040

■ 119.1030, -1.7880,
-0.6360

■ 61.6210, 47.0840,
16.7480

■ 127.5150, -8.9400,
-3.1800

■ 53.3230, 53.9150,
19.6030

■ 135.2260,
-15.4960, -5.5120

■ 45.4980, 60.7920,
21.6240

■ 143.6380,
-22.6480, -8.0560

■ 37.0860, 67.9440,
24.1680

■ 152.0500,
-29.8000, -10.6000

■ 34.9830, 69.7320,

■ 160.4620,

24.8040

-36.9520, -13.1440

■ 168.1730,
-43.5080, -15.4760

Harmonies

Analogous

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



95.0390, 13.4320, 9.8800



94.5680, 19.0720, 6.7840



93.7050, 19.9440, 1.9920

Triad

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



94.5680, 19.0720, 6.7840



90.3380, -4.3080, -10.0360



91.4140, -18.6610, 2.2910

Complementary

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



94.5680, 19.0720, 6.7840



107.4320, -19.0720, -6.7840

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.



89.0170, -25.0330, -3.3770



94.5680, 19.0720, 6.7840



88.5910, -15.2660, -9.6820

Square

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



94.5680, 19.0720, 6.7840



91.6660, 6.5120, -7.8880



87.8660, -23.2900, -7.4340



93.7360, -7.7040, 7.4640

Rectangle

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



94.5680, 19.0720, 6.7840



93.2160, 16.8270, -2.0930



87.8660, -23.2900, -7.4340



90.3920, -21.5950, 0.3970

Sweetspot

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



94.5680, 19.0720, 6.7840



144.5880, 7.1520, 2.5440



97.9170, 8.2040, 16.5240



71.3920, 4.7680, 1.6960



204.0000, -0.0000, -0.0000



77.0000, -0.0000, -0.0000

Same Dimension

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



94.5680, 19.0720, 6.7840



117.9500, 29.8000, 10.6000



103.3730, 14.9470, -1.0610



54.7940, 3.5760, 1.2720



36.4780, 72.7120, 25.8640



74.7500, 149.0000, 53.0000

Inverse Universe

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



94.5680, 19.0720, 6.7840



117.9500, 29.8000, 10.6000



98.6270, -14.9470, 1.0610



54.7940, 3.5760, 1.2720



36.4780, 72.7120, 25.8640



74.7500, 149.0000, 53.0000

Previews

White Background



This preview shows how the YIQ color 94.5680, 19.0720, 6.7840 looks on a white background.

Color Contrast Check

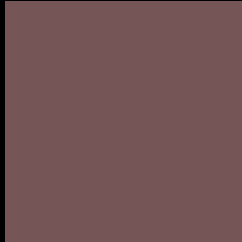
Large Text (above 18pt) WCAG AA ✓ Pass

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 94.5680, 19.0720, 6.7840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

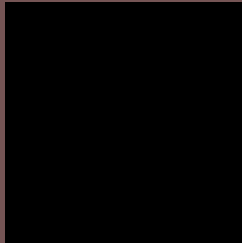
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 94.5680, 19.0720, 6.7840

Background



This preview shows how black text looks on a background with the YIQ color 94.5680, 19.0720, 6.7840.



This preview shows how white text looks on a background with the YIQ color 94.5680, 19.0720,

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

94.5680, 19.0720, 6.7840

Protanopia

93.4410, 3.0720, -0.6080

Deuteranopia

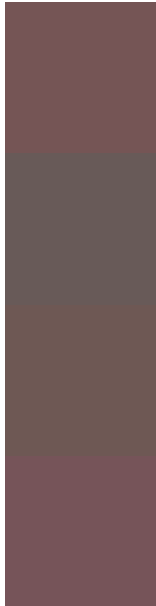
94.1000, 11.4620, 1.5260



Tritanopia

94.9640, 18.0170, 9.3850

Trichromacy



Original Color

94.5680, 19.0720, 6.7840

Protanomaly

93.9580, 8.9860, 2.3460

Deuteranomaly

94.1220, 14.3960, 3.4200

Tritanomaly

94.7360, 18.6590, 8.7630

Monochromacy



Original Color

94.5680, 19.0720, 6.7840

Achromatopsia

95.0000, -0.0000, -0.0000

Achromatomaly

94.5880, 7.1520, 2.5440

CSS Examples

Text

The CSS property to change the color of the text to YIQ 94.5680, 19.0720, 6.7840 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(117, 85, 85)` looks like.

```
.text, #text, p{  
    color:rgb(117, 85, 85)  
}
```

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(117, 85, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 85, 85) }
```

Border

The CSS property to change the border of an element to YIQ 94.5680, 19.0720, 6.7840 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(117, 85, 85) }
```


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

```
.border{ border-color:rgb(117, 85, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 85, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 85, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 85, 85);  
box-shadow:4px 4px 4px 4px rgb(117, 85,  
85) }
```

Background

The CSS property to change the background color of an element to YIQ 94.5680, 19.0720, 6.7840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 85, 85) }
```

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

```
.background{ background-color: rgb(117, 85,  
85) }
```

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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