

Converting Colors

YIQ(93.6700, 19.0250, 13.1450)

Have a look what the booklet for
YIQ(93.6700, 19.0250, 13.1450)
contains.

YIQ(93.6700, 19.0250, 13.1450)	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(93.6700, 19.0250,
13.1450)**

Conversions

Conversions Part 1

Format	Color
Hex	78505F
RGB	120, 80, 95
RGB Percent	47%, 31%, 37%
CMY	0.5293, 0.6863, 0.6274
CMYK	0.00, 0.33, 0.21, 0.53
HSL	337°, 20%, 39%
HSV	337°, 33%, 47%
XYZ	12.6832, 10.5564, 12.1995
YIQ	93.6700, 19.0250, 13.1450

Conversions

Conversions Part 2

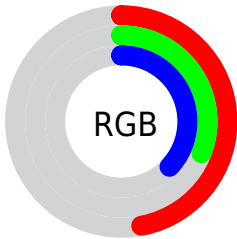
Format	Color
R_{YB}	120, 80, 95
Decimal	7884895
CIE _{Lab}	38.82, 19.20, -1.90
CIE _{LCh}	39, 19.292, 354.362
Yxy	10.5564, 0.3579, 0.2979
Android (android.graphics.Color)	4286074975 (0xFF78505F)
YUV	93.6700, 0.6557, 23.0914
Hunter-Lab	32.4906, 12.8216, 0.4813

Details

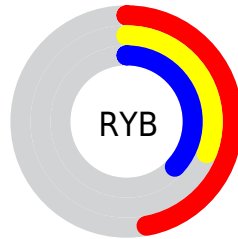
The YIQ color **93.6700, 19.0250, 13.1450** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **106.3300, -19.0250, -13.1450**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.5670, 20.8130, 13.7810**, and **46.4740, 16.6410, 12.2970** is the 20% darker color. If you saturate the color by 10%, you get **85.8280, 24.5720, 17.2440**, and if you desaturate by 10%, it is **101.6260, 13.1570, 9.3570**.

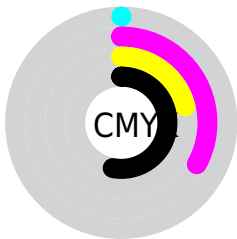
Distribution



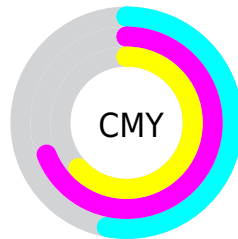
- Red (47%)
- Green (31%)
- Blue (37%)



- Red (47%)
- Yellow (31%)
- Blue (37%)



- Cyan (0%)
- Magenta (33%)
- Yellow (21%)
- Black (53%)



- Cyan (53%)
- Magenta (69%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 93.6700, 19.0250, 13.1450 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 93.6700, 19.0250, 13.1450 by changing the saturation by 10% instead.

■ 93.6700, 19.0250,
13.1450

■ 93.6700, 19.0250,
13.1450

■ 255.0000, -0.0000,
-0.0000

■ 69.9580, 18.1540,
12.4100

■ 144.5670, 20.8130,
13.7810

■ 46.4740, 16.6410,
12.2970

■ 171.2790, 21.6840,
14.5160

■ 24.8760, 15.4490,
11.8730

■ 198.5780, 22.2800,
14.7280

■ 8.1870, 15.7710,
6.0350

■ 225.9800, 21.0880,
14.3040

■ 0.0000, 0.0000,
0.0000

■ 245.6080, 4.4000,
8.3680

93.6700, 19.0250,
13.1450

93.6700, 19.0250,
13.1450

85.8280, 24.5720,
17.2440

101.6260, 13.1570,
9.3570

77.8720, 30.4400,
21.0320

109.4680, 7.6100,
5.2580

70.0300, 35.9870,
25.1310

117.4240, 1.7420,
1.4700

62.0740, 41.8550,
28.9190

125.2660, -3.8050,
-2.6290

54.2320, 47.4020,
33.0180

133.2220, -9.6730,
-6.4170

46.2760, 53.2700,
36.8060


141.0640,
-15.2200, -10.5160

41.0100, 57.0750,
39.4350

148.9060,
-20.7670, -14.6150

156.8620,

-26.6350, -18.4030

 164.7040,
-32.1820, -22.5020

Harmonies

Analogous

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



93.8520, 6.8290, 13.9090



93.6700, 19.0250, 13.1450



92.7430, 25.9490, 8.8050

Triad

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



93.6700, 19.0250, 13.1450



88.9710, 6.9710, -10.7010



84.5040, -36.7700, -5.4260

Complementary

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



93.6700, 19.0250, 13.1450



106.3300, -19.0250, -13.1450

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.



82.8150, -36.4480, -11.2640



93.6700, 19.0250, 13.1450



87.0770, -8.0670, -13.4990

Square

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



93.6700, 19.0250, 13.1450



90.4780, 18.8450, -5.6270



84.5790, -24.1600, -13.6960



89.1190, -25.0800, 2.9840

Rectangle

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



93.6700, 19.0250, 13.1450



92.5810, 26.2250, 3.8010



84.5790, -24.1600, -13.6960



83.8520, -37.8700, -7.5180

Sweetspot

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



93.6700, 19.0250, 13.1450



145.4680, 7.6100, 5.2580



92.0350, 2.0600, 17.7400



73.0330, 4.4010, 2.8410



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.



93.6700, 19.0250, 13.1450



114.5730, 29.8440, 20.8200



94.8950, 22.4650, 5.8650



57.0220, 2.9340, 1.8940



42.7330, 59.4130, 41.1170



86.1780, 119.6970, 82.9690

Inverse Universe

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



93.6700, 19.0250, 13.1450



114.5730, 29.8440, 20.8200



105.1050, -22.4650, -5.8650



57.0220, 2.9340, 1.8940



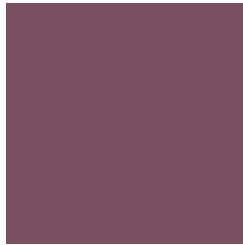
42.7330, 59.4130, 41.1170



86.1780, 119.6970, 82.9690

Previews

White Background



This preview shows how the YIQ color 93.6700, 19.0250, 13.1450 looks on a white background.

Color Contrast Check

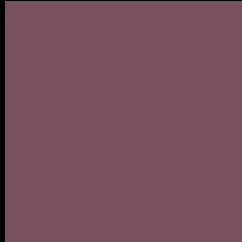
Large Text (above 18pt) WCAG AA ✓ Pass

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 93.6700, 19.0250, 13.1450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

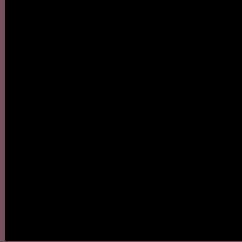
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 93.6700, 19.0250, 13.1450

Background



This preview shows how black text looks on a background with the YIQ color 93.6700, 19.0250, 13.1450.



This preview shows how white text looks on a background with the YIQ color 93.6700, 19.0250,

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

93.6700, 19.0250, 13.1450

Protanopia

91.9550, -4.1270, 3.2090

Deuteranopia

92.7450, 5.2720, 3.5760



Tritanopia

93.0460, 20.7220, 9.9220

Trichromacy



Original Color

93.6700, 19.0250, 13.1450

Protanomaly

92.5540, 4.4920, 6.7000

Deuteranomaly

93.1910, 9.9480, 6.9400

Tritanomaly

93.3880, 19.7590, 10.8550

Monochromacy



Original Color

93.6700, 19.0250, 13.1450

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

93.7560, 6.7390, 4.5230

CSS Examples

Text

The CSS property to change the color of the text to YIQ 93.6700, 19.0250, 13.1450 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, 80, 95)` looks like.

```
.text, #text, p{  
    color:rgb(120, 80, 95)  
}
```

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, 80, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 80, 95) }
```

Border

The CSS property to change the border of an element to YIQ 93.6700, 19.0250, 13.1450 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, 80, 95) }
```


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

```
.border{ border-color:rgb(120, 80, 95) }
```

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

Here you see how a box with a 4 pixel rgb(120, 80, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 80, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 80, 95);  
box-shadow:4px 4px 4px 4px rgb(120, 80,  
95) }
```

Background

The CSS property to change the background color of an element to YIQ 93.6700, 19.0250, 13.1450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 80, 95) }
```

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

```
.background{ background-color: rgb(120, 80,  
95) }
```

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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