

Converting Colors

YIQ(93.6430, 23.6550, 17.3430)

Have a look what the booklet for
YIQ(93.6430, 23.6550, 17.3430)
contains.

YIQ(93.6430, 23.6550, 17.3430)	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(93.6430, 23.6550,
17.3430)**

Conversions

Conversions Part 1

Format	Color
Hex	7F4C61
RGB	127, 76, 97
RGB Percent	50%, 30%, 38%
CMY	0.5018, 0.7020, 0.6195
CMYK	0.00, 0.40, 0.24, 0.50
HSL	335°, 25%, 40%
HSV	335°, 40%, 50%
XYZ	13.4991, 10.5440, 12.6378
YIQ	93.6430, 23.6550, 17.3430

Conversions

Conversions Part 2

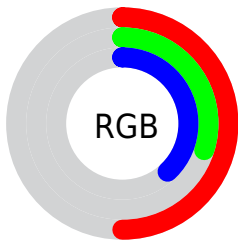
Format	Color
R_{YB}	127, 76, 97
Decimal	8342625
CIE Lab	38.80, 24.66, -3.07
CIE LCh	39, 24.847, 352.895
Yxy	10.5440, 0.3680, 0.2875
Android (android.graphics.Color)	4286532705 (0xFF7F4C61)
YUV	93.6430, 1.6550, 29.2541
Hunter-Lab	32.4716, 17.3807, -0.3454

Details

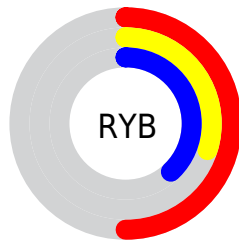
The YIQ color **93.6430, 23.6550, 17.3430** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **109.3570, -23.6550, -17.3430**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.9530, 25.7180, 18.5020**, and **46.1480, 20.6750, 16.2830** is the 20% darker color. If you saturate the color by 10%, you get **85.2140, 29.4770, 21.9650**, and if you desaturate by 10%, it is **102.0720, 17.8330, 12.7210**.

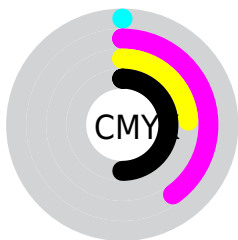
Distribution



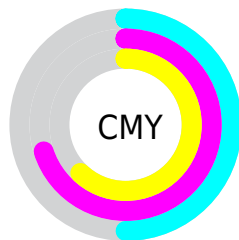
- Red (50%)
- Green (30%)
- Blue (38%)



- Red (50%)
- Yellow (30%)
- Blue (38%)



- Cyan (0%)
- Magenta (40%)
- Yellow (24%)
- Black (50%)



- Cyan (50%)
- Magenta (70%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 93.6430, 23.6550, 17.3430 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 93.6430, 23.6550, 17.3430 by changing the saturation by 10% instead.

93.6430, 23.6550,
17.3430

93.6430, 23.6550,
17.3430

255.0000, -0.0000,
-0.0000

69.0450, 22.4630,
16.9190

144.9530, 25.7180,
18.5020

46.1480, 20.6750,
16.2830

171.5510, 26.9100,
18.9260

23.0770, 19.4370,
16.6930

199.2630, 27.7810,
19.6610

10.2090, 18.7050,
7.9290

223.9740, 21.2250,
17.3290

0.0000, 0.0000,
0.0000

243.2600, 5.5000,
10.4600

■ 93.6430, 23.6550,
17.3430

■ 93.6430, 23.6550,
17.3430

■ 85.2140, 29.4770,
21.9650

■ 102.0720, 17.8330,
12.7210

■ 77.2580, 35.3450,
25.7530

■ 110.0280, 11.9650,
8.9330

■ 68.8290, 41.1670,
30.3750

■ 118.4570, 6.1430,
4.3110

■ 60.2860, 47.3100,
34.6860

■ 127.0000, -0.0000,
-0.0000

■ 51.8570, 53.1320,
39.3080

■ 134.8420, -5.5470,
-4.0990


■ 43.9010, 59.0000,
43.0960

■ 143.3850,
-11.6900, -8.4100

■ 151.8140,
-17.5120, -13.0320

■ 160.3570,

-23.6550, -17.3430

 168.1990,
-29.2020, -21.4420

Harmonies

Analogous

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



94.2590, 7.2410, 17.4570



93.6430, 23.6550, 17.3430



92.5590, 32.4590, 11.9710

Triad

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



93.6430, 23.6550, 17.3430



88.4180, 9.9060, -14.3340



76.0110, -60.4270, -11.7150

Complementary

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



93.6430, 23.6550, 17.3430



109.3570, -23.6550, -17.3430

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.



72.2570, -61.4800, -20.1680



93.6430, 23.6550, 17.3430



85.0720, -9.6710, -17.4710

Square

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



93.6430, 23.6550, 17.3430



90.6480, 24.1180, -7.5780



81.0400, -33.0080, -18.5440



86.5460, -36.5880, 2.2920

Rectangle

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



93.6430, 23.6550, 17.3430



91.7560, 33.1020, 5.8220



81.0400, -33.0080, -18.5440



72.7390, -65.6530, -16.1250

Sweetspot

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



93.6430, 23.6550, 17.3430



152.8920, 9.3520, 6.7280



90.7840, 1.5090, 22.2210



76.1580, 5.5470, 4.0990



212.0000, -0.0000, -0.0000



84.0000, -0.0000, -0.0000

Same Dimension

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



93.6430, 23.6550, 17.3430



113.6820, 37.0870, 27.2230



93.5970, 29.2960, 8.7200



59.4350, 3.2090, 2.4170



44.3140, 59.2750, 43.6190



0.0000, 0.0000, 0.0000

Inverse Universe

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



93.6430, 23.6550, 17.3430



113.6820, 37.0870, 27.2230



109.4030, -29.2960, -8.7200



59.4350, 3.2090, 2.4170



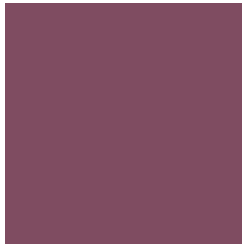
44.3140, 59.2750, 43.6190



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 93.6430, 23.6550, 17.3430 looks on a white background.

Color Contrast Check

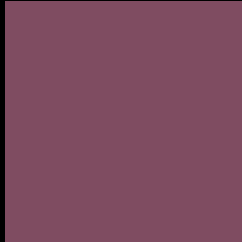
Large Text (above 18pt) WCAG AA ✓ Pass

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 93.6430, 23.6550, 17.3430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

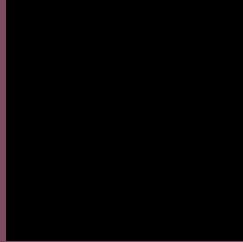
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 93.6430, 23.6550, 17.3430

Background



This preview shows how black text looks on a background with the YIQ color 93.6430, 23.6550, 17.3430.



This preview shows how white text looks on a background with the YIQ color 93.6430, 23.6550,

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

93.6430, 23.6550, 17.3430

Protanopia

92.1120, -6.0070, 4.2410

Deuteranopia

92.6740, 4.0340, 3.9860



Tritanopia

93.0360, 26.6820, 12.0420

Trichromacy



Original Color

93.6430, 23.6550, 17.3430

Protanomaly

93.0210, 4.6750, 8.8910

Deuteranomaly

92.8430, 11.0480, 9.0320

Tritanomaly

93.0190, 25.3520, 14.1200

Monochromacy



Original Color

93.6430, 23.6550, 17.3430

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

93.5930, 8.7560, 6.5160

CSS Examples

Text

The CSS property to change the color of the text to YIQ 93.6430, 23.6550, 17.3430 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(127, 76, 97)` looks like.

```
.text, #text, p{  
    color:rgb(127, 76, 97)  
}
```

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(127, 76, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 76, 97) }
```

Border

The CSS property to change the border of an element to YIQ 93.6430, 23.6550, 17.3430 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(127, 76, 97) }
```


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

```
.border{ border-color:rgb(127, 76, 97) }
```

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

Here you see how a box with a 4 pixel rgb(127, 76, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 76, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 76, 97);  
box-shadow:4px 4px 4px 4px rgb(127, 76,  
97) }
```

Background

The CSS property to change the background color of an element to YIQ 93.6430, 23.6550, 17.3430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 76, 97) }
```

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

```
.background{ background-color: rgb(127, 76,  
97) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor