

Converting Colors

YIQ(93.6530, 17.6950, 15.2230)

Have a look what the booklet for
YIQ(93.6530, 17.6950, 15.2230)
contains.

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Color

**YIQ(93.6530, 17.6950,
15.2230)**

Conversions

Conversions Part 1

Format	Color
Hex	784F64
RGB	120, 79, 100
RGB Percent	47%, 31%, 39%
CMY	0.5293, 0.6903, 0.6078
CMYK	0.00, 0.34, 0.17, 0.53
HSL	329°, 21%, 39%
HSV	329°, 34%, 47%
XYZ	12.8453, 10.5049, 13.4107
YIQ	93.6530, 17.6950, 15.2230

Conversions

Conversions Part 2

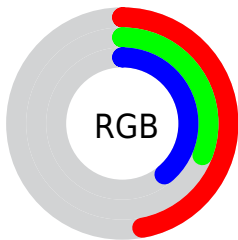
Format	Color
R_{YB}	120, 79, 100
Decimal	7884644
CIE Lab	38.73, 20.67, -5.14
CIE LCh	39, 21.297, 346.034
Yxy	10.5049, 0.3494, 0.2858
Android (android.graphics.Color)	4286074724 (0xFF784F64)
YUV	93.6530, 3.1291, 23.1063
Hunter-Lab	32.4113, 14.0236, -1.8443

Details

The YIQ color **93.6530, 17.6950, 15.2230** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **105.3470, -17.6950, -15.2230**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.6640, 19.1620, 16.1700**, and **46.3430, 15.6320, 14.0640** is the 20% darker color. If you saturate the color by 10%, you get **85.9250, 22.9210, 19.6330**, and if you desaturate by 10%, it is **101.3810, 12.4690, 10.8130**.

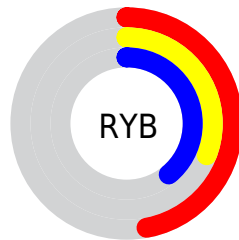
Distribution



Red (47%)

Green (31%)

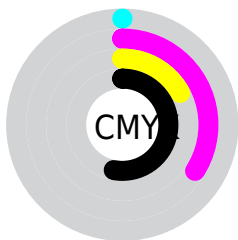
Blue (39%)



Red (47%)

Yellow (31%)

Blue (39%)

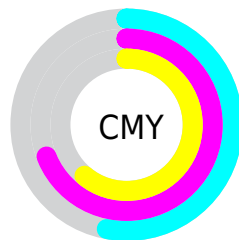


Cyan (0%)

Magenta (34%)

Yellow (17%)

Black (53%)



Cyan (53%)

Magenta (69%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 93.6530, 17.6950, 15.2230 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 93.6530, 17.6950, 15.2230 by changing the saturation by 10% instead.

■ 93.6530, 17.6950,
15.2230

■ 93.6530, 17.6950,
15.2230

■ 255.0000, -0.0000,
-0.0000

■ 69.9410, 16.8240,
14.4880

■ 144.6640, 19.1620,
16.1700

■ 46.3430, 15.6320,
14.0640

■ 171.3760, 20.0330,
16.9050

■ 24.7450, 14.4400,
13.6400

■ 198.6750, 20.6290,
17.1170

■ 8.9850, 13.5240,
8.2120

■ 226.0770, 19.4370,
16.6930

■ 0.0000, 0.0000,
0.0000

■ 245.0210, 4.6750,
8.8910

■ 93.6530, 17.6950,
15.2230

■ 93.6530, 17.6950,
15.2230

■ 85.9250, 22.9210,
19.6330

■ 101.3810, 12.4690,
10.8130

■ 78.1970, 28.1470,
24.0430

■ 109.1090, 7.2430,
6.4030

■ 70.4690, 33.3730,
28.4530

■ 116.8370, 2.0170,
1.9930

■ 62.8550, 38.2780,
33.1740

■ 124.4510, -2.8880,
-2.7280

■ 55.1270, 43.5040,
37.5840

■ 132.1790, -8.1140,
-7.1380

■ 47.3990, 48.7300,
41.9940


■ 139.9070,
-13.3400, -11.5480

■ 42.8340, 51.9390,
44.4110

■ 147.6350,
-18.5660, -15.9580

■ 155.3630,

-23.7920, -20.3680

 163.0910,
-29.0180, -24.7780

Harmonies

Analogous

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



93.2260, 2.8400, 14.6160



93.6530, 17.6950, 15.2230



92.5090, 26.7280, 11.2080

Triad

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



93.6530, 17.6950, 15.2230



89.3090, 11.8310, -10.6730



81.2040, -44.7930, -8.7050

Complementary

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



93.6530, 17.6950, 15.2230



105.3470, -17.6950, -15.2230

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.



81.1520, -39.0150, -14.3030



93.6530, 17.6950, 15.2230



86.7030, -4.0780, -14.2060

Square

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



93.6530, 17.6950, 15.2230



90.5710, 23.0170, -4.1430



83.8950, -22.2340, -15.5620



86.3460, -33.1490, 0.5390

Rectangle

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



93.6530, 17.6950, 15.2230



92.2440, 28.7920, 6.8400



83.8950, -22.2340, -15.5620



80.6230, -44.6550, -11.2070

Sweetspot

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



93.6530, 17.6950, 15.2230



145.6960, 6.9680, 5.8800



89.6540, -1.2410, 16.9910



73.1470, 4.0800, 3.1520



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.



93.6530, 17.6950, 15.2230



114.7840, 27.8720, 23.5200



91.3730, 24.1150, 9.0030



57.1360, 2.6130, 2.2050



44.6710, 53.9560, 46.4040



90.0540, 108.7830, 93.5430

Inverse Universe

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



93.6530, 17.6950, 15.2230



114.7840, 27.8720, 23.5200



107.6270, -24.1150, -9.0030



57.1360, 2.6130, 2.2050



44.6710, 53.9560, 46.4040



90.0540, 108.7830, 93.5430

Previews

White Background



This preview shows how the YIQ color 93.6530, 17.6950, 15.2230 looks on a white background.

Color Contrast Check

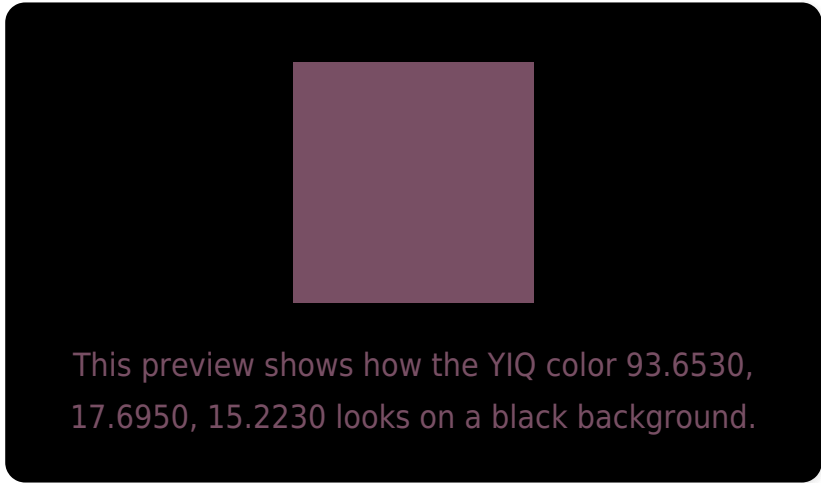
Large Text (above 18pt) WCAG AA ✓ Pass

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 93.6530, 17.6950, 15.2230

Background



This preview shows how black text looks on a background with the YIQ color 93.6530, 17.6950, 15.2230.



This preview shows how white text looks on a background with the YIQ color 93.6530, 17.6950,

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

93.6530, 17.6950, 15.2230

Protanopia

92.0410, -7.2450, 4.6510

Deuteranopia

92.4180, 1.8790, 4.4950



Tritanopia

93.0460, 20.7220, 9.9220

Trichromacy



Original Color

93.6530, 17.6950, 15.2230

Protanomaly

92.9390, 1.9700, 8.3540

Deuteranomaly

92.5760, 7.4260, 8.5940

Tritanomaly

93.0290, 19.3920, 12.0000

Monochromacy



Original Color

93.6530, 17.6950, 15.2230

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

93.9840, 6.0970, 5.1450

CSS Examples

Text

The CSS property to change the color of the text to YIQ 93.6530, 17.6950, 15.2230 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, 79, 100)` looks like.

```
.text, #text, p{  
    color:rgb(120, 79, 100)  
}
```

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, 79, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 79, 100) }
```

Border

The CSS property to change the border of an element to YIQ 93.6530, 17.6950, 15.2230 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, 79, 100) }
```


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

```
.border{ border-color:rgb(120, 79, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 79, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(120, 79, 100); -webkit-box-shadow:4px 4px 4px 4px rgb(120, 79, 100); box-shadow:4px 4px 4px 4px rgb(120, 79, 100) }
```

Background

The CSS property to change the background color of an element to YIQ 93.6530, 17.6950, 15.2230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 79, 100) }
```

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

```
.background{ background-color: rgb(120, 79,  
100) }
```

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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