

Converting Colors

YIQ(94.5720, 22.4170, 17.7530)

Have a look what the booklet for
YIQ(94.5720, 22.4170, 17.7530)
contains.

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Color

**YIQ(94.5720, 22.4170,
17.7530)**

Conversions

Conversions Part 1

Format	Color
Hex	7F4D64
RGB	127, 77, 100
RGB Percent	50%, 30%, 39%
CMY	0.5018, 0.6981, 0.6078
CMYK	0.00, 0.39, 0.21, 0.50
HSL	332°, 25%, 40%
HSV	332°, 39%, 50%
XYZ	13.7110, 10.7399, 13.4116
YIQ	94.5720, 22.4170, 17.7530

Conversions

Conversions Part 2

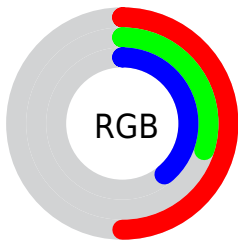
Format	Color
R_{YB}	127, 77, 100
Decimal	8342884
CIE Lab	39.14, 24.56, -4.44
CIE LCh	39, 24.960, 349.745
Yxy	10.7399, 0.3621, 0.2837
Android (android.graphics.Color)	4286532964 (0xFF7F4D64)
YUV	94.5720, 2.6760, 28.4394
Hunter-Lab	32.7718, 17.3298, -1.3236

Details

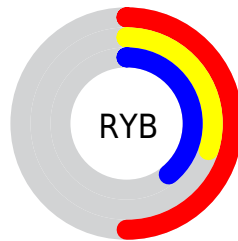
The YIQ color **94.5720, 22.4170, 17.7530** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **109.4280, -22.4170, -17.7530**, and the grayscale version is **95.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **145.8820, 24.4800, 18.9120**, and **46.9630, 19.7580, 16.3820** is the 20% darker color. If you saturate the color by 10%, you get **86.1430, 28.2390, 22.3750**, and if you desaturate by 10%, it is **103.0010, 16.5950, 13.1310**.

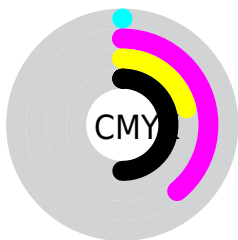
Distribution



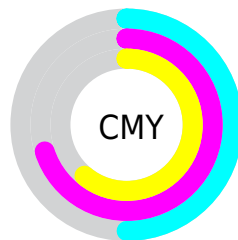
- Red (50%)
- Green (30%)
- Blue (39%)



- Red (50%)
- Yellow (30%)
- Blue (39%)



- Cyan (0%)
- Magenta (39%)
- Yellow (21%)
- Black (50%)



- Cyan (50%)
- Magenta (70%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 94.5720, 22.4170, 17.7530 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 94.5720, 22.4170, 17.7530 by changing the saturation by 10% instead.

■ 94.5720, 22.4170,
17.7530

■ 94.5720, 22.4170,
17.7530

■ 255.0000, -0.0000,
-0.0000

■ 69.9740, 21.2250,
17.3290

■ 145.8820, 24.4800,
18.9120

■ 46.9630, 19.7580,
16.3820

■ 172.4800, 25.6720,
19.3360

■ 23.8920, 18.5200,
16.7920

■ 199.8930, 25.9470,
19.8590

■ 10.7790, 17.1000,
9.4840

■ 224.9030, 19.9870,
17.7390

■ 0.0000, 0.0000,
0.0000

■ 243.8470, 5.2250,
9.9370

■ 94.5720, 22.4170,
17.7530

■ 94.5720, 22.4170,
17.7530

■ 86.1430, 28.2390,
22.3750

■ 103.0010, 16.5950,
13.1310

■ 78.3010, 33.7860,
26.4740

■ 110.8430, 11.0480,
9.0320

■ 69.8720, 39.6080,
31.0960

■ 119.2720, 5.2260,
4.4100

■ 61.5570, 45.1090,
36.0290

■ 127.5870, -0.2750,
-0.5230

■ 53.1280, 50.9310,
40.6510

■ 135.4290, -5.8220,
-4.6220

■ 45.2860, 56.4780,
44.7500


■ 143.8580,
-11.6440, -9.2440

■ 44.5850, 57.0740,
44.9620

■ 152.2870,
-17.4660, -13.8660

■ 160.7160,

-23.2880, -18.4880

 168.5580,
-28.8350, -22.5870

Harmonies

Analogous

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



94.8890, 5.4070, 17.6550



94.5720, 22.4170, 17.7530



93.6730, 32.1380, 12.2820

Triad

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



94.5720, 22.4170, 17.7530



89.3150, 11.6940, -13.6980



75.4020, -63.0860, -13.0860

Complementary

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



94.5720, 22.4170, 17.7530



109.4280, -22.4170, -17.7530

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.



74.2250, -58.4540, -19.9420



94.5720, 22.4170, 17.7530



86.7410, -7.2410, -17.4570

Square

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



94.5720, 22.4170, 17.7530



91.6590, 25.5850, -6.6310



82.5950, -30.2570, -18.8410



86.3500, -38.9720, 1.4440

Rectangle

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



94.5720, 22.4170, 17.7530



93.1690, 33.3770, 6.3450



82.5950, -30.2570, -18.8410



73.2120, -65.6070, -16.9590

Sweetspot

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



94.5720, 22.4170, 17.7530



153.0060, 9.0310, 7.0390



90.7730, 0.0420, 21.2740



76.2720, 5.2260, 4.4100



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.



94.5720, 22.4170, 17.7530



115.4260, 34.9320, 27.7320



93.1240, 29.2500, 9.5540



59.4350, 3.2090, 2.4170



44.9980, 57.3490, 45.4850



0.0000, 0.0000, 0.0000

Inverse Universe

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



94.5720, 22.4170, 17.7530



115.4260, 34.9320, 27.7320



110.8760, -29.2500, -9.5540



59.4350, 3.2090, 2.4170



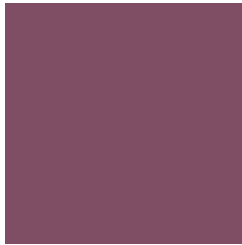
44.9980, 57.3490, 45.4850



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 94.5720, 22.4170, 17.7530 looks on a white background.

Color Contrast Check

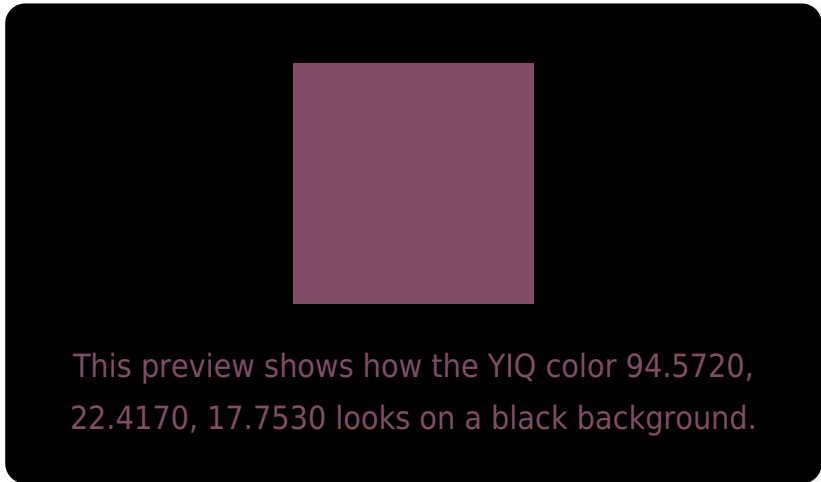
Large Text (above 18pt) WCAG AA ✓ Pass

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 94.5720, 22.4170, 17.7530

Background



This preview shows how black text looks on a background with the YIQ color 94.5720, 22.4170, 17.7530.



This preview shows how white text looks on a background with the YIQ color 94.5720, 22.4170,

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

94.5720, 22.4170, 17.7530

Protanopia

93.1550, -7.5660, 4.9620

Deuteranopia

93.6030, 2.7960, 4.3960



Tritanopia

94.4380, 25.4900, 11.6180

Trichromacy



Original Color

94.5720, 22.4170, 17.7530

Protanomaly

93.9500, 3.4370, 9.3010

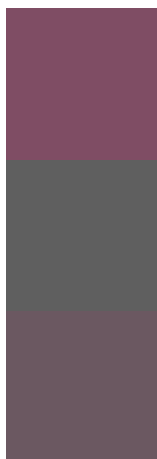
Deuteranomaly

93.7720, 9.8100, 9.4420

Tritanomaly

94.4210, 24.1600, 13.6960

Monochromacy



Original Color

94.5720, 22.4170, 17.7530

Achromatopsia

95.0000, -0.0000, -0.0000

Achromatomaly

94.7070, 8.4350, 6.8270

CSS Examples

Text

The CSS property to change the color of the text to YIQ 94.5720, 22.4170, 17.7530 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, 77, 100)` looks like.

```
.text, #text, p{  
    color:rgb(127, 77, 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(127, 77, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 77, 100) }
```

Border

The CSS property to change the border of an element to YIQ 94.5720, 22.4170, 17.7530 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, 77, 100) }
```


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

```
.border{ border-color:rgb(127, 77, 100) }
```

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

Here you see how a box with a 4 pixel rgb(127, 77, 100) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 77, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 77, 100);  
box-shadow:4px 4px 4px 4px rgb(127, 77,  
100) }
```

Background

The CSS property to change the background color of an element to YIQ 94.5720, 22.4170, 17.7530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 77, 100) }
```

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

```
.background{ background-color: rgb(127, 77,  
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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